

# **THE DOE FUND – ROGERS AVENUE**

---

**1345, 1351, 1357 ROGERS AVENUE AND 562 EAST 28<sup>TH</sup> STREET  
BROOKLYN, New York**

## **Remedial Investigation Report**

**NYC VCP Site Number: 14CVCP164K**

**Prepared for:**

The Doe Fund  
345 East 102nd Street – Suite 305  
New York, New York 10022  
646-672-4467

**Prepared by:**

Roux Associates, Inc.  
209 Shafter Street  
Islandia, New York 11749  
631-232-2600

---

AUGUST 2013

## TABLE OF CONTENTS

---

LIST OF ACRONYMS .....	iii
CERTIFICATION .....	iv
EXECUTIVE SUMMARY .....	v
1.0 SITE BACKGROUND.....	1
1.1 Site Location and Current Usage .....	1
1.2 Proposed Redevelopment Plan .....	1
1.3 Description of Surrounding Property.....	2
2.0 SITE HISTORY.....	3
2.1 Past Uses and Ownership.....	3
2.2 Previous Investigations .....	3
2.3 Site Inspection.....	3
2.4 Areas of Concern .....	3
3.0 PROJECT MANAGEMENT.....	5
3.1 Project Organization .....	5
3.2 Health and Safety.....	5
3.3 Materials Management.....	5
4.0 REMEDIAL INVESTIGATION ACTIVITIES .....	6
4.1 Geophysical Investigation.....	6
4.2 Borings and Monitoring Wells.....	6
4.3 Sample Collection and Chemical Analysis.....	8
5.0 ENVIRONMENTAL EVALUATION.....	12
5.1 Geological and Hydrogeological Conditions.....	12
5.2 Soil Chemistry .....	12
5.3 Groundwater Chemistry.....	13
5.4 Soil Vapor Chemistry .....	15
5.5 Prior Activity .....	15
5.6 Impediments to Remedial Action .....	16

## TABLES

1. Groundwater Level Data
2. Summary of Volatile Organic Compounds in Soil
3. Summary of Semivolatile Organic Compounds in Soil
4. Summary of Metals in Soil
5. Summary of Polychlorinated Biphenyls in Soil
6. Summary of Pesticides in Soil
7. Summary of Volatile Organic Compounds in Groundwater
8. Summary of Semivolatile Organic Compounds in Groundwater
9. Summary of Metals in Groundwater
10. Summary of Polychlorinated Biphenyls in Groundwater

## **TABLE OF CONTENTS**

---

(Continued)

### **TABLES (Continued)**

11. Summary of Pesticides in Groundwater Groundwater Analytical Data Summary (showing exceedance of New York State Groundwater Standards)
12. Summary of Volatile Organic Compounds in Soil Vapor and Ambient Air

### **FIGURES**

1. Site Location Map
2. Site Plan
3. Proposed Redevelopment Plan
4. Surrounding Land Use
5. Groundwater Elevation and Flow
6. Summary of Exceedances in Soil
7. Summary of Exceedances in Groundwater
8. Summary of Soil Vapor Sample Results

### **APPENDICES**

- A. CA Rich Consultants, Inc. Phase I Report
- B. Health and Safety Plan
- C. Soil Boring/Well Construction Logs
- D. Groundwater and Soil Vapor Sampling Logs
- E. Laboratory Data Deliverables for Soil, Groundwater, and Soil Vapor Analytical Data

## LIST OF ACRONYMS

<b>Acronym</b>	<b>Definition</b>
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
SVOC	Semivolatile Organic Compound
VOC	Volatile Organic Compounds

**CERTIFICATION**

I, Joseph D. Duminuco, 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 Doe Fund Rogers Avenue Site, (NYC VCP Site No 14CVCP164K). 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.

Joseph Duminuco  
Qualified Environmental Professional Name

8/27/13  
Date

Joseph Dum  
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 1345, 1351, and 1357 Rogers Avenue and 562 East 28th Street in the Flatbush section in Brooklyn, New York and is identified as Block 5229 and Lots 11, 15, 17, and 54 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 24,600-square feet and is bounded by residential buildings to the north, residential buildings and a fire station to the south, East 28<sup>th</sup> Street to the east, and Rogers Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking and a two-family residence and contains one two-family building, vacant parking structures, and open parking areas on grade.

### **Summary of Proposed Redevelopment Plan**

The proposed future use of the Site will consist of the new construction of an affordable residential multifamily building containing approximately 80,000 square feet of floor area in an eight-story building. The new building will have coverage of about 10,000 square feet on a site of 24,600 square feet. The balance of the Site will be used for parking on grade and recreation. The planned structure will have a roof height of about 80 feet with partial setbacks at the 5<sup>th</sup>, 6<sup>th</sup>, and 7<sup>th</sup> floors. The first floor will be directly accessible from sidewalk grade and a full cellar is planned with a maximum depth of 9 to 10 feet below land surface (bls). Layout of the proposed Site development is presented in Figure 3. The geotechnical report indicates that concrete spread footings will be the most appropriate foundation type, so excavation beyond 14 feet bls will be minimal. It is expected that most of this cut will be removed from the Site, and that a significant portion of the material will be construction debris from previous structures. The total volume of material to be removed is approximately 4,000 cubic yards (CY). As part of development, the referenced lots are expected to be merged into a single tentative lot to be assigned. The current zoning designations are R5B and R7A Residential. 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 the Sanborn Fire Insurance Maps presented in the January 2013 Phase I Environmental Site Assessment (ESA) performed by CA RICH Consultants, Inc., the Site was developed in 1907 with one-story and two-story dwellings and one-story and two-story carpenter shops. By 1930, the Site contained 20 one-story automobile garages, two two-story dwellings, a one-story store, and a one-story carpenter shop. On the 1930 Sanborn Fire Insurance Map, there is a gasoline underground storage tank (UST) listed at 1345 Rogers Avenue. From 1968 through the present, there are 16 one-story automobile garages, one two-story dwelling, and one one-story store.

The AOCs identified for this site include:

- An E-Designation for Block 5229 Lots 11,15, and 17;
- A gasoline UST identified on Sanborn Fire Insurance Maps from 1930 through 2007 on Block 5229 Lot 17(with no closure documentation);
- The identification of the Site as an auto repair facility on the 1934 City Directory; and
- 4 to 12 feet of historic fill

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

Roux Associates performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.);
2. Installed nine soil borings across the entire project Site, and collected 18 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed four temporary groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six soil vapor probes within the proposed building footprint and collected six samples for chemical analysis.

### **Summary of Environmental Findings**

1. Elevation of the property ranges from 24.39 to 22.78 feet.
2. Depth to groundwater ranges from 22.44 to 21.37 feet at the Site.

3. Groundwater flow is generally from southeast to northwest beneath the Site.
4. Depth to bedrock is unknown, as bedrock was not encountered during the RI. The stratigraphy of the Site, from the surface down to the maximum soil boring depth of 15 feet, consists of fill material containing medium to fine sand with some gravel, brick, asphalt, and concrete fragments.
5. A total of eighteen soil samples were collected during the RI. Soil laboratory analytical data was compared to 6NYCRR Part 375-6.8 Unrestricted SCOs (USCOs) and Restricted-Residential Soil Cleanup Objectives (RRSCOs). Soil/fill samples collected during the RI showed no detectable concentrations of VOCs and PCBs. Multiple SVOCs, including benzo(a)anthracene (2000 µg/kg), benzo(a)pyrene (1800 µg/kg), benzo(b)fluoranthene (2500 µg/kg), and indeno(1,2,3-cd)pyrene (1200 µg/kg) were detected above Restricted-Residential SCOs in one shallow soil sample (SB-1101). Benzo(k)fluoranthene and Chrysene also exceeded Unrestricted Use SCOs. All of the SVOCs that were detected above Restricted-Residential SCOs are a subset of SVOCs know as polycyclic aromatic hydrocarbons (PAHs). Metals including Arsenic (max of 28 mg/kg), barium (max of 490 mg/kg), Chromium (max of 61 mg/kg), copper (max of 280 mg/kg), lead (max of 3200 mg/kg), mercury (max of 0.3 mg/kg), nickel (max of 160 mg/kg) and zinc (max of 280 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, arsenic, barium and lead also exceeded Restricted-Residential SCOs. Pesticides including 4,4'-DDD (5.11 µg/kg), 4,4'-DDE (3.7 µg/kg) and 4,4'-DDT (max of 17.8 µg/kg) were detected above Unrestricted Use SCOs in two shallow samples.
6. A total of four groundwater samples were collected during the RI. Groundwater laboratory analytical data was compared to the New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). No VOCs, SVOCs, PCBs or Pesticides were detected above laboratory reporting limits in any of the groundwater samples collected. The dissolved concentration of the metals iron, sodium and manganese were detected above GQS.
7. Low concentrations of both petroleum-related VOCs and chlorinated VOCs were detected in all six soil vapor samples. Most compounds were detected at concentrations less than 10 µg/m<sup>3</sup> except for ethanol (85 µg/m<sup>3</sup>), heptane (46 µg/m<sup>3</sup>), xylene (69 µg/m<sup>3</sup>), and toluene (396 µg/m<sup>3</sup>). Tetrachloroethene (PCE) was detected in four of the six soil vapor samples at concentrations ranging from 4.54 µg/m<sup>3</sup> to 9.29 µg/m<sup>3</sup>. Trichloroethene (TCE), carbon tetrachloride, and 1,1,1-trichloroethane (1,1,1-TCA), were not detected in any soil vapor samples during this RI. Based on the detected soil vapor concentrations, no remedial actions are necessary.

## **1.0 SITE BACKGROUND**

The Doe Fund, Inc. has performed this Remedial Investigation to satisfy the New York City Mayor's Office of Environmental Remediation (OER) hazardous material E-Designation requirement to investigate a 0.56-acre site located at 1345, 1351, and 1357 Rogers Avenue and 562 East 28th Street in the Flatbush section of Brooklyn, New York. The Site currently has an E-Designation of E-233 on three of the four lots (Lots 11, 15, and 17). The E-Designation was assigned during the July 2009 Flatbush Rezoning. Residential use is proposed for the property. The RI work was performed between April 15 and 22, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY § 43-1407(f).

### **1.1 Site Location and Current Usage**

The Site is located at 1345, 1351, and 1357 Rogers Avenue and 562 East 28th Street in the Flatbush section in Brooklyn, New York and is identified as Block 5229 and Lots 11, 15, 17, and 54 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 24,600-square feet and is bounded by residential buildings to the north, residential buildings and a fire station to the south, East 28<sup>th</sup> Street to the east, and Rogers Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking and a two-family residence and contains one two-family building, vacant parking structures, and open parking areas on grade.

### **1.2 Proposed Redevelopment Plan**

The proposed future use of the Site will consist of the new construction of an affordable residential multifamily building containing approximately 80,000 square feet of floor area in an eight-story building. The new building will have coverage of about 10,000 square feet on a site of 24,600 square feet. The balance of the Site will be used for parking on grade and recreation. The planned structure will have a roof height of about 80 feet with partial setbacks at the 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floors. The first floor will be directly accessible from sidewalk grade and a full cellar is planned with a maximum depth of 9 to 10 feet below land surface (bls). Layout of the proposed Site development is presented in Figure 3. The geotechnical report indicates that concrete spread

footings will be the most appropriate foundation type, so excavation beyond 14 feet bls will be minimal. It is expected that most of this cut will be removed from the Site, and that a significant portion of the material will be construction debris from previous structures. The total volume of material to be removed is approximately 4,000 cubic yards (CY). As part of development, the referenced lots are expected to be merged into a single tentative lot to be assigned. The current zoning designations are R5B and R7A Residential. The proposed use is consistent with existing zoning for the property.

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

The west the property is bounded by Rogers Avenue. Further west across Rogers Avenue is the Flatbush YMCA Nursery and Pre-school. To the east the property is bounded by residential buildings and East 28<sup>th</sup> Street. Further east, on Nostrand Avenue, are the Future Kids Learning Center day care facility and Public School 269 (approximately 0.10 miles away). To the north the property is bounded by residential buildings. To the south the property is bounded by residential buildings and a Fire Department of New York (FDNY) fire house. The nearest school is Public School 269, approximately 0.10 miles to the east. Figure 4 shows the surrounding land usage.

## **2.0 SITE HISTORY**

### **2.1 Past Uses and Ownership**

Based on a review of the Sanborn Fire Insurance Maps presented in the January 2013 Phase I Environmental Site Assessment (ESA) performed by CA RICH Consultants, Inc., the Site was developed in 1907 with one-story and two-story dwellings and one-story and two-story carpenter shops. By 1930, the Site contained 20 one-story automobile garages, two two-story dwellings, a one-story store, and a one-story carpenter shop. On the 1930 Sanborn Fire Insurance Map, there is a gasoline underground storage tank (UST) listed at 1345 Rogers Avenue. From 1968 through the present, there are 16 one-story automobile garages, one two-story dwelling, and one one-story store.

### **2.2 Previous Investigations**

In January 2013, CA Rich Consultants, Inc. (CA Rich) performed a Phase I ESA for the Site. No additional investigations have been performed. Recognized environmental conditions (RECs) identified by the Phase I ESA include: the E-Designation for Block 5229 Lots 11,15, and 17, a gasoline UST identified on Sanborn Fire Insurance Maps from 1930 through 2007 on Block 5229 Lot 17 (with no closure documentation), and the identification of the Site as an auto repair facility on the 1934 City Directory.

### **2.3 Site Inspection**

Roux Associates conducted an inspection of the exterior of the Site on April 15, 2013 during the RI field work. No fill or vent lines were identified at the Site. No evidence of USTs was noted during either the Phase I ESA performed by CA Rich or the Roux Associates RI activities. During the Site inspection, two floor drains were observed in Lot 17. There was no evidence of spills or staining around the drains. It is our understanding that the Site is connected to New York City Sewers.

### **2.4 Areas of Concern**

The AOCs identified for this site include:

- An E-Designation for Block 5229 Lots 11,15, and 17;
- A gasoline UST identified on Sanborn Fire Insurance Maps from 1930 through 2007 on Block 5229 Lot 17 (with no closure documentation);

- The identification of the Site as an auto repair facility on the 1934 City Directory; and
- 4 to 12 feet of historic fill

The CA Rich Phase 1 Report is presented in Appendix A. A map showing areas of concern is presented in Figure 2.

## **3.0 PROJECT MANAGEMENT**

### **3.1 Project Organization**

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Joseph Duminuco, Principal Hydrogeologist/ Vice President of Roux Associates. The Project manager is Jessica Taylor, Project Hydrogeologist, and the field manager onsite during RI activities was Chris Geraghty, Project Scientist, both of Roux Associates.

### **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. A site specific Health and Safety Plan (HASP) is included in Appendix B and describes appropriate health and safety precautions for all Site activities, as well as directions to the nearest hospital.

### **3.3 Materials Management**

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

#### 4.0 REMEDIAL INVESTIGATION ACTIVITIES

Roux Associates performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.);
2. Performed geophysical survey utilizing ground penetrating radar (GPR)
2. Installed nine soil borings across the entire project Site, and collected 18 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed four temporary groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six soil vapor probes around Site perimeter and collected six samples for chemical analysis.

#### 4.1 Geophysical Investigation

A geophysical survey utilizing ground penetrating radar (GPR) was performed across accessible areas of Block 5229 Lot 17 to investigate for the presence of a potential UST identified in the historic Sanborn maps. No underground anomalies indicating potential USTs were identified during this survey.

#### 4.2 Borings and Monitoring Wells

##### Drilling and Soil Logging

On April 15 through 19, 2013 a subsurface remedial investigation was performed at the Site. A total of nine soil borings were installed during the investigation. All soil borings were advanced using a Geoprobe direct-push drill rig owned and operated by Zebra Environmental Corp of Lynbrook, New York. Samples of the soil profile were collected in continuous 5-foot increments using a 2-inch-diameter macrocore sampler to a maximum depth of 15 feet bls. Each soil core was field-screened with a photo-ionization detector (PID) and the lithology recorded.

The details for each location are summarized in the following table:

Boring Identification	Depth (feet)	Diameter (inches)	Coordinates <sup>1</sup>	
			Northing	Easting
SB-1101	12	2	171245.1	997958.7
SB-1102	12	2	171196.8	997914.7

Boring Identification	Depth (feet)	Diameter (inches)	Coordinates <sup>1</sup>	
			Northing	Easting
SB-1103/MW-4	12	2	171199.7	997988.6
SB-1501	12	2	171290.2	997944.3
SB-1502/MW-3	12	2	171278.9	997981.7
SB-1701/MW-1	12	2	171342.6	997916.7
SB-1702	12	2	171346.5	997965.1
SB-5401	12	2	171371.8	998006.2
SB-5402/MW-2	12	2	171378.2	998078.2

<sup>1</sup> Coordinates are in NAD 83 NY STATE EAST ZONE, US FEET

Boring logs were prepared by an environmental professional and are attached in Appendix C. The location of soil borings and monitor wells are shown in Figure 2.

### **Groundwater Monitoring Well Construction**

Four one-inch diameter temporary groundwater monitoring wells were installed with a Geoprobe rig to 28 feet bls, using a 3.25-inch-diameter direct push sampler to a maximum depth of 30 feet bls. Monitoring wells were constructed of polyvinyl chloride (PVC) casing and 0.010-inch slot machined screen. The monitoring wells were constructed with 10 feet of well screen material. After installation, a sand pack was placed around the screen and extending above the top of the screened zone. A 2-foot thick bentonite pellet seal was installed from 0 to 2 feet bls. Geologic logs depicting well construction are provided in Appendix C. Monitor well locations are shown in Figure 2.

### **Survey**

All soil boring, monitoring well, and soil vapor point locations were surveyed for horizontal coordinates and all monitoring wells were surveyed for elevation by Angle of Attack Land Survey of Setauket, New York.

## **Water Level Measurement**

On April 19, 2013, all monitoring wells were gauged prior to sampling. Water level data is included in Table 1. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 5.

### **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**

Eighteen soil samples were collected for chemical analysis during this RI. A new dedicated acetate liner was used for the collection of each soil core. One field blank and four trip blanks (one each day) were analyzed as QA/QC samples. Following field screening as described in Section 4.2, all soil samples were placed in the laboratory-supplied containers, cooled to 4° Celsius, and transported to the laboratory under chain of custody procedures.

Soil samples were analyzed by Alpha Analytical of Westborough, Massachusetts, an Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP Lab ID #11148), for TCL Volatile Organic Compounds (VOCs), TCL Semivolatile Organic Compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and TAL Metals. Analytical data was provided in NYSDEC ASP Category A deliverable packages.

Analytical results for soil samples were compared to NYSDEC Unrestricted Use SCOs and Restricted-Residential SCOs (RRSCOs) presented in 6 NYCRR Subpart 375-6. These SCOs were selected based on the future use of the Site.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2 through 6. Figure 2 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

### **Groundwater Sampling**

Four groundwater samples were collected for chemical analysis during this RI. One field duplicate and one field blank were collected for each analyte in the sample suite, in addition to one trip blank. Field parameters, including temperature, pH, conductivity, turbidity, and dissolved oxygen concentration, were also collected with a Horiba U-52 water quality meter during well sampling. At each sampling location, groundwater samples were collected using low-flow (minimal drawdown) procedures. Prior to sample collection, each point was purged at low-flow evacuation rates of 0.1 to 0.5 liters per minute (L/min) using a peristaltic pump and new dedicated polyethylene tubing. The water quality meter was decontaminated with non-phosphate soap and a fresh water rinse after sampling at each well location. Groundwater samples were collected at the same flow rate as purging, using the same device as was used for purging. All groundwater samples were placed in the laboratory-supplied containers, cooled to 4° Celsius, and transported to the laboratory under chain of custody procedures.

Groundwater samples were analyzed by Alpha Analytical for TCL VOCs, TCL SVOCs, pesticides, PCBs, and TAL Metals (total and dissolved). Analytical data was provided in NYSDEC ASP Category A deliverable packages.

Groundwater sample collection data is reported in Tables 7 through 11. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix D. Figure 2 shows the location of groundwater monitoring wells. Laboratories and analytical methods are shown below.

### **Soil Vapor Sampling**

Six soil vapor probes were installed and six soil vapor samples were collected for chemical analysis during this RI. Temporary soil vapor points were installed using a Geoprobe rig to the target depth of 10 feet bls. A Geoprobe rod equipped with a Geoprobe soil vapor sampling connector and a disposable drive point was advanced 10 feet into the ground, based on the

proposed depth of the future basement slab. At each location, a soil vapor sampling port consisting of a 6-inch long stainless steel screen was advanced to the bottom of the Geoprobe rod with a Teflon-lined sampling tube running to the surface. The annular space around the screen was filled with sand and a surface seal consisting of bentonite clay was installed to prevent ambient air intrusion. The end of the sampling tube was fitted with Master-Flex flexible tubing and tied off to prevent ambient air and/or water from entering the tubing prior to sample collection.

Prior to sample collection, the Teflon-lined tubing was purged of approximately two volumes of the tubing using a vacuum pump set at a rate of 0.2 liters per minute. A tracer gas (i.e., laboratory grade helium) was used to enrich the atmosphere in the immediate vicinity of the sampling location in order to test the borehole seal and verify that ambient air was not being drawn into the sample. Following purging and verification with the tracer gas, the sample tubing was connected to a pre-evacuated, laboratory supplied, six-liter Summa canister with a laboratory calibrated regulator set to collect a sample over a one-hour interval. Soil vapor samples were submitted for laboratory analysis under chain of custody procedures for analysis using USEPA Method TO-15 for VOCs.

Soil vapor sampling locations are shown in Figure 2. Soil vapor sample collection data is reported in Table 12. Soil vapor sampling logs are included in Appendix D. Methodologies used for soil vapor assessment conform to the [\*NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006\*](#).

### **Chemical Analysis**

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

<b>Factor</b>	<b>Description</b>
Quality Assurance Officer	The chemical analytical quality assurance is directed by Jessica Taylor.
Chemical Analytical Laboratory	Chemical analytical laboratory used in the RI is NYS ELAP certified and was Alpha Analytical (ELAP Lab ID #11148).

Factor	Description
Chemical Analytical Methods	<p>Soil Analytical Methods:</p> <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 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> <p>Groundwater Analytical Methods:</p> <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 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> <p>Soil Vapor Analytical Methods:</p> <ul style="list-style-type: none"> <li>• VOCs by TO-15 VOC parameters</li> </ul>

**Results of Chemical Analyses**

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 12, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E.

## **5.0 ENVIRONMENTAL EVALUATION**

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

#### **Stratigraphy**

The stratigraphy of the site, from the surface to depths of 4 to 12 feet bls, consists of fill material containing medium to fine sand with some gravel, brick, asphalt, and concrete fragments. Below the fill material to the maximum sampling depth of 28 feet bls, the soil is fine to medium sand with trace gravel. Groundwater was encountered at approximately 22 feet bls. Bedrock was not encountered during the RI.

#### **Hydrogeology**

A table of water level data for all monitoring wells is included in Table 1. The average depth to groundwater is 22 feet bls and the range in depth is 21.37 to 22.44 feet bls. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 5. Groundwater flow is from southwest to northeast.

### **5.2 Soil Chemistry**

A total of eighteen soil samples were collected during the RI. Soil laboratory analytical data was compared to 6NYCRR Part 375-6.8 Unrestricted SCOs (USCOs) and Restricted-Residential Soil Cleanup Objectives (RRSCOs). Soil/fill samples collected during the RI showed the following:

#### **VOCs**

No VOCs were detected above laboratory reporting limits in any of the soil samples collected during the RI.

#### **SVOCs**

No SVOCs were detected above USCOs and RRSCOs except in soil boring SB-1101(0'-2'). Multiple SVOCs, including benzo(a)anthracene (2000 µg/kg), benzo(a)pyrene (1800 µg/kg), benzo(b)fluoranthene (2500 µg/kg), and indeno(1,2,3-cd)pyrene (1200 µg/kg) were detected above Restricted-Residential SCOs in the soil sample collected from SB-1101 (0'-2'). Benzo(k)fluoranthene (940 µg/kg) and Chrysene (2100 µg/kg) also exceeded Unrestricted Use SCOs. Total SVOCs in SB-1101 (0'-2') were 25,302 micrograms per kilogram (µg/kg). All of

the SVOCs that were detected above Restricted Residential SCOs are a subset of SVOCs known as polycyclic aromatic hydrocarbons (PAHs).

### **Metals**

Metals were detected above USCOS in soil borings SB-1101 (0'-2'), SB-1103 (0'-2'), SB-1501 (0'-2'), SB-1502 (0'-2'), SB-1701 (0'-2'), SB-5401 (0'-2'), SB-5402 (0'-2'), and SB-5402 (10'-12'). Metals including Arsenic (max of 28 mg/kg), barium (max of 490 mg/kg), Chromium (max of 61 mg/kg), copper (max of 280 mg/kg), lead (max of 3200 mg/kg) mercury (max of 0.3 mg/kg), nickel (max of 160 mg/kg) and zinc (max of 280 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, arsenic, barium and lead also exceeded Restricted-Residential SCOs.

### **PCBs**

No PCBs were detected above USCOS or Restricted Residential SCOs in any of the soil samples collected during the RI.

### **Pesticides**

Pesticides detected above Unrestricted Use SCOs included 4,4'-DDD (5.11 µg/kg) and 4,4'-DDT (17.8 µg/kg) in SB-1101 (0'-2') and 4,4'-DDE (3.7 µg/kg) and 4,4'-DDT (8.38 µg/kg) in SB-1103 (0'-2'). No pesticides were detected above Restricted Residential SCOs.

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

## **5.3 Groundwater Chemistry**

A total of four groundwater samples were collected during the RI. Groundwater laboratory analytical data was compared to the New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS).

### **VOCs**

No VOCs were detected above laboratory reporting limits in any of the groundwater samples collected during the RI.

### **SVOCs**

No SVOCs were detected above laboratory reporting limits in any of the groundwater samples collected during the RI.

### **Metals**

Total and filtered metals analysis was performed at each monitoring well location. Sodium was detected above GQS in all monitoring wells from the dissolved and total samples. Manganese was detected above GQS in the dissolved and total samples collected from monitoring well MW-1, and iron was detected above the GQS in the total sample collected from MW-2. All three metals are naturally occurring in groundwater.

### **PCBs**

No PCBs were detected above laboratory reporting limits in any of the groundwater samples collected during the RI.

### **Pesticides**

No Pesticides were detected above laboratory reporting limits in any of the groundwater samples collected during the RI.

These groundwater sample results are consistent with naturally occurring compounds and do not indicate any groundwater contamination.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. Summary tables of data for chemical analyses performed on groundwater samples are included in Tables 7 through 11. Exceedances of applicable groundwater standards are shown.

Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater quality standards.

## 5.4 Soil Vapor Chemistry

Low concentrations of both petroleum-related VOCs and chlorinated VOCs were detected in all six soil vapor samples. Most compounds were detected at concentrations less than 10  $\mu\text{g}/\text{m}^3$  except for ethanol (85  $\mu\text{g}/\text{m}^3$ ), heptane (46  $\mu\text{g}/\text{m}^3$ ), xylene (69  $\mu\text{g}/\text{m}^3$ ), and toluene (396  $\mu\text{g}/\text{m}^3$ ). Tetrachloroethene (PCE) was detected in four of the six soil vapor samples at concentrations ranging from 4.54  $\mu\text{g}/\text{m}^3$  in SV-1501 to 9.29  $\mu\text{g}/\text{m}^3$  in SV-1101. Trichloroethene (TCE), carbon tetrachloride, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene, cis-1,2-dichloroethene, and vinyl chloride were not detected in any soil vapor samples during this RI.

Regulatory guidance on soil vapor and indoor air quality is presented in Matrix 1 and Matrix 2 from the New York State Department of Health (NYSDOH) Center for Environmental Health (CEH) Bureau of Environmental Exposure Investigation (BEEI) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. Matrix 1 addresses TCE and carbon tetrachloride, and Matrix 2 addresses PCE and 1,1,1-TCA. The matrices establish the conditions that require a response (i.e., monitoring, mitigation, or source identification) based on an evaluation of indoor air concentrations and sub-slab vapor concentrations. While the matrices are designed for evaluation of sub-slab and indoor samples and not for pre-development soil vapor sampling, a comparison of tetrachloroethene was made to Matrix 2. The monitor and mitigate action levels apply for sub-slab vapor concentrations above 100  $\mu\text{g}/\text{m}^3$ . Based on the detected soil vapor concentrations, no remedial actions are necessary; however, a vapor barrier is planned as part of the construction of the new building.

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 12.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations of the compounds included on Matrix 1 and Matrix 2.

## 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.

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**TABLES**

1. Groundwater Level Data
2. Summary of Volatile Organic Compounds in Soil
3. Summary of Semivolatile Organic Compounds in Soil
4. Summary of Metals in Soil
5. Summary of Polychlorinated Biphenyls in Soil
6. Summary of Pesticides in Soil
7. Summary of Volatile Organic Compounds in Groundwater
8. Summary of Semivolatile Organic Compounds in Groundwater
9. Summary of Metals in Groundwater
10. Summary of Polychlorinated Biphenyls in Groundwater
11. Summary of Pesticides in Groundwater Groundwater Analytical Data Summary (showing exceedance of New York State Groundwater Standards)
12. Summary of Volatile Organic Compounds in Soil Vapor and Ambient Air

Table 1. Summary of Groundwater Gauging Results, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

DESIGNATION	Date Gauged	Top of Casing Elevation (feet amsl)	Depth to Water (feet below top of casing)	Depth to Bottom (feet below top of casing)	Corrected Water Table Elevation (feet amsl)
MW-1	4/22/2013	24.10	22.44	28.03	1.66
MW-2	4/22/2013	22.66	21.37	28.04	1.29
MW-3	4/22/2013	23.93	22.33	28.05	1.60
MW-4	4/22/2013	23.74	22.07	28.04	1.67

Notes:

amsl - above mean sea level

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		<b>Sample Designation:</b>	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
	Part 375	NYSDEC Part							
	Unrestricted	375 Restricted-							
	Use	Residential							
	(µg/kg)	(µg/kg)	<b>Sample Date:</b>	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
1,1,1,2-Tetrachloroethane	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
1,1,1-Trichloroethane	680	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
1,1,2,2-Tetrachloroethane	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
1,1,2-Trichloroethane	--	--		1.9 U	1.8 U	1.4 U	1.6 U	2.0 U	1.4 U
1,1-Dichloroethane	270	26000		1.9 U	1.8 U	1.4 U	1.6 U	2.0 U	1.4 U
1,1-Dichloroethene	330	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
1,1-Dichloropropene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,2,3-Trichlorobenzene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,2,3-Trichloropropane	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
1,2,4,5-Tetramethylbenzene	--	--		5.1 U	4.7 U	3.8 U	4.3 U	5.4 U	3.9 U
1,2,4-Trichlorobenzene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,2,4-Trimethylbenzene	3600	52000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,2-Dibromoethane	--	--		5.1 U	4.7 U	3.8 U	4.3 U	5.4 U	3.9 U
1,2-Dichlorobenzene	1100	100000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,2-Dichloroethane	20	3100		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
1,2-Dichloropropane	--	--		4.5 U	4.1 U	3.3 U	3.8 U	4.7 U	3.4 U
1,3,5-Trimethylbenzene	8400	52000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,3-Dichlorobenzene	2400	49000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,3-Dichloropropane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,4-Dichlorobenzene	1800	13000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
1,4-Dioxane	100	13000		130 U	120 U	95 U	110 U	130 U	96 U
2,2-Dichloropropane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
2-Butanone (MEK)	120	100000		13 U	12 U	9.5 U	11 U	13 U	9.6 U
2-Hexanone	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
4-ETHYLTOLUENE	--	--		5.1 U	4.7 U	3.8 U	4.3 U	5.4 U	3.9 U
4-Methyl-2-pentanone (MIBK)	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
Acetone	50	100000		11 J	12 U	9.5 U	11 U	13 U	9.6 U
Acrylonitrile	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
1,4-Diethylbenzene	--	--		5.1 U	4.7 U	3.8 U	4.3 U	5.4 U	3.9 U
Benzene	60	4800		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Bromobenzene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Bromochloromethane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		<b>Sample Designation:</b>	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
	Part 375	NYSDEC Part							
	Unrestricted	375 Restricted-							
	Use	Residential							
	(µg/kg)	(µg/kg)	<b>Sample Date:</b>	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Bromodichloromethane	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Bromoform	--	--		5.1 U	4.7 U	3.8 U	4.3 U	5.4 U	3.9 U
Bromomethane	--	--		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
Carbon disulfide	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
Carbon tetrachloride	760	2400		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Chlorobenzene	1100	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Chloroethane	--	--		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
Chloroform	370	49000		1.9 U	1.8 U	1.4 U	1.6 U	2.0 U	1.4 U
Chloromethane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
cis-1,2-Dichloroethene	250	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
cis-1,3-Dichloropropene	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Dibromochloromethane	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Dibromochloropropane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Dibromomethane	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
Dichlorodifluoromethane	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
Diethyl Ether	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Ethylbenzene	1000	41000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Hexachlorobutadiene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Isopropylbenzene	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
m+p-Xylene	--	--		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
Methylene chloride	50	100000		13 U	12 U	9.5 U	11 U	13 U	9.6 U
MTBE	930	100000		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
Naphthalene	12000	100000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
n-Butylbenzene	12000	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
n-Propylbenzene	3900	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
o-Chlorotoluene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
o-Xylene	--	--		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
p-Chlorotoluene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
p-Isopropyltoluene	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
sec-Butylbenzene	11000	100000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Styrene	--	--		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
tert-Butylbenzene	5900	100000		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U

Table 2. Summary of Volatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation:	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
	Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)							
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Tetrachloroethene	1300	19000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Toluene	700	100000		1.9 U	1.8 U	1.4 U	1.6 U	2.0 U	1.4 U
trans-1,2-Dichloroethene	190	100000		1.9 U	1.8 U	1.4 U	1.6 U	2.0 U	1.4 U
trans-1,3-Dichloropropene	--	--		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
trans-1,4-Dichloro-2-butene	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Trichloroethene	470	21000		1.3 U	1.2 U	0.95 U	1.1 U	1.3 U	0.96 U
Trichlorofluoromethane	--	--		6.4 U	5.8 U	4.7 U	5.4 U	6.7 U	4.8 U
Vinyl Acetate	--	--		13 U	12 U	9.5 U	11 U	13 U	9.6 U
Vinyl chloride	20	900		2.6 U	2.3 U	1.9 U	2.2 U	2.7 U	1.9 U
Total VOCs				0	0	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation:	SB-1501 4/16/2013	SB-1501 4/17/2013	SB-1502 4/15/2013	SB-1502 4/19/2013	SB-1701 4/16/2013	SB-1701 4/19/2013
	Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)							
1,1,1,2-Tetrachloroethane	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
1,1,1-Trichloroethane	680	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
1,1,2,2-Tetrachloroethane	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
1,1,2-Trichloroethane	--	--		1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.4 U
1,1-Dichloroethane	270	26000		1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.4 U
1,1-Dichloroethene	330	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
1,1-Dichloropropene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,2,3-Trichlorobenzene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,2,3-Trichloropropane	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
1,2,4,5-Tetramethylbenzene	--	--		4.0 U	4.2 U	4.0 U	4.4 U	4.2 U	3.8 U
1,2,4-Trichlorobenzene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,2,4-Trimethylbenzene	3600	52000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,2-Dibromoethane	--	--		4.0 U	4.2 U	4.0 U	4.4 U	4.2 U	3.8 U
1,2-Dichlorobenzene	1100	100000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,2-Dichloroethane	20	3100		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
1,2-Dichloropropane	--	--		3.5 U	3.7 U	3.5 U	3.8 U	3.7 U	3.3 U
1,3,5-Trimethylbenzene	8400	52000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,3-Dichlorobenzene	2400	49000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,3-Dichloropropane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,4-Dichlorobenzene	1800	13000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
1,4-Dioxane	100	13000		100 U	100 U	99 U	110 U	100 U	94 U
2,2-Dichloropropane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
2-Butanone (MEK)	120	100000		10 U	10 U	9.9 U	11 U	10 U	1.4 J
2-Hexanone	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
4-ETHYLTOLUENE	--	--		4.0 U	4.2 U	4.0 U	4.4 U	4.2 U	3.8 U
4-Methyl-2-pentanone (MIBK)	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
Acetone	50	100000		10 U	4.2 J	9.9 U	11 U	10 U	8.1 J
Acrylonitrile	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
1,4-Diethylbenzene	--	--		4.0 U	4.2 U	4.0 U	4.4 U	4.2 U	3.8 U
Benzene	60	4800		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Bromobenzene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Bromochloromethane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation:	SB-1501 4/16/2013	SB-1501 4/17/2013	SB-1502 4/15/2013	SB-1502 4/19/2013	SB-1701 4/16/2013	SB-1701 4/19/2013
	Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)							
Bromodichloromethane	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Bromoform	--	--		4.0 U	4.2 U	4.0 U	4.4 U	4.2 U	3.8 U
Bromomethane	--	--		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
Carbon disulfide	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
Carbon tetrachloride	760	2400		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Chlorobenzene	1100	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Chloroethane	--	--		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
Chloroform	370	49000		1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.4 U
Chloromethane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
cis-1,2-Dichloroethene	250	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
cis-1,3-Dichloropropene	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Dibromochloromethane	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Dibromochloropropane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Dibromomethane	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
Dichlorodifluoromethane	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
Diethyl Ether	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Ethylbenzene	1000	41000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Hexachlorobutadiene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Isopropylbenzene	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
m+p-Xylene	--	--		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
Methylene chloride	50	100000		10 U	10 U	9.9 U	11 U	10 U	9.4 U
MTBE	930	100000		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
Naphthalene	12000	100000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
n-Butylbenzene	12000	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
n-Propylbenzene	3900	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
o-Chlorotoluene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
o-Xylene	--	--		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
p-Chlorotoluene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
p-Isopropyltoluene	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
sec-Butylbenzene	11000	100000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Styrene	--	--		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
tert-Butylbenzene	5900	100000		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U

Table 2. Summary of Volatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		<b>Sample Designation:</b>	SB-1501	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701
	Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)							
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Tetrachloroethene	1300	19000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Toluene	700	100000		1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.4 U
trans-1,2-Dichloroethene	190	100000		1.5 U	1.6 U	1.5 U	1.6 U	1.6 U	1.4 U
trans-1,3-Dichloropropene	--	--		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
trans-1,4-Dichloro-2-butene	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Trichloroethene	470	21000		1.0 U	1.0 U	0.99 U	1.1 U	1.0 U	0.94 U
Trichlorofluoromethane	--	--		5.0 U	5.2 U	5.0 U	5.5 U	5.3 U	4.7 U
Vinyl Acetate	--	--		10 U	10 U	9.9 U	11 U	10 U	9.4 U
Vinyl chloride	20	900		2.0 U	2.1 U	2.0 U	2.2 U	2.1 U	1.9 U
Total VOCs				0	0	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		<b>Sample Designation:</b>	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
	Part 375	NYSDEC Part							
	Unrestricted	375 Restricted-							
	Use	Residential							
	(µg/kg)	(µg/kg)	<b>Sample Date:</b>	4/17/2013	4/19/2013	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
1,1,1,2-Tetrachloroethane	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
1,1,1-Trichloroethane	680	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
1,1,2,2-Tetrachloroethane	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
1,1,2-Trichloroethane	--	--		1.5 U	1.8 U	1.6 U	1.7 U	1.5 U	1.5 U
1,1-Dichloroethane	270	26000		1.5 U	1.8 U	1.6 U	1.7 U	1.5 U	1.5 U
1,1-Dichloroethene	330	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
1,1-Dichloropropene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,2,3-Trichlorobenzene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,2,3-Trichloropropane	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
1,2,4,5-Tetramethylbenzene	--	--		4.0 U	4.8 U	4.3 U	4.6 U	4.0 U	3.9 U
1,2,4-Trichlorobenzene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,2,4-Trimethylbenzene	3600	52000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,2-Dibromoethane	--	--		4.0 U	4.8 U	4.3 U	4.6 U	4.0 U	3.9 U
1,2-Dichlorobenzene	1100	100000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,2-Dichloroethane	20	3100		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
1,2-Dichloropropane	--	--		3.5 U	4.2 U	3.8 U	4.0 U	3.5 U	3.4 U
1,3,5-Trimethylbenzene	8400	52000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,3-Dichlorobenzene	2400	49000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,3-Dichloropropane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,4-Dichlorobenzene	1800	13000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
1,4-Dioxane	100	13000		99 U	120 U	110 U	110 U	99 U	98 U
2,2-Dichloropropane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
2-Butanone (MEK)	120	100000		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
2-Hexanone	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
4-ETHYLTOLUENE	--	--		4.0 U	4.8 U	4.3 U	4.6 U	4.0 U	3.9 U
4-Methyl-2-pentanone (MIBK)	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
Acetone	50	100000		9.9 U	12 U	4.9 J	11 U	9.9 U	9.8 U
Acrylonitrile	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
1,4-Diethylbenzene	--	--		4.0 U	4.8 U	4.3 U	4.6 U	4.0 U	3.9 U
Benzene	60	4800		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Bromobenzene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Bromochloromethane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U

Table 2. Summary of Volatile Organic Compounds in Soil

The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		<b>Sample Designation:</b>	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
	Part 375	NYSDEC Part							
	Unrestricted Use (µg/kg)	375 Restricted-Residential (µg/kg)							
			<b>Sample Date:</b>	4/17/2013	4/19/2013	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Bromodichloromethane	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Bromoform	--	--		4.0 U	4.8 U	4.3 U	4.6 U	4.0 U	3.9 U
Bromomethane	--	--		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
Carbon disulfide	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
Carbon tetrachloride	760	2400		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Chlorobenzene	1100	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Chloroethane	--	--		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
Chloroform	370	49000		1.5 U	1.8 U	1.6 U	1.7 U	1.5 U	1.5 U
Chloromethane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
cis-1,2-Dichloroethene	250	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
cis-1,3-Dichloropropene	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Dibromochloromethane	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Dibromochloropropane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Dibromomethane	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
Dichlorodifluoromethane	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
Diethyl Ether	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Ethylbenzene	1000	41000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Hexachlorobutadiene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Isopropylbenzene	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
m+p-Xylene	--	--		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
Methylene chloride	50	100000		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
MTBE	930	100000		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
Naphthalene	12000	100000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
n-Butylbenzene	12000	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
n-Propylbenzene	3900	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
o-Chlorotoluene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
o-Xylene	--	--		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
p-Chlorotoluene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
p-Isopropyltoluene	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
sec-Butylbenzene	11000	100000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Styrene	--	--		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
tert-Butylbenzene	5900	100000		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U

Table 2. Summary of Volatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation:	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
	Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)							
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Tetrachloroethene	1300	19000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Toluene	700	100000		1.5 U	1.8 U	1.6 U	1.7 U	1.5 U	1.5 U
trans-1,2-Dichloroethene	190	100000		1.5 U	1.8 U	1.6 U	1.7 U	1.5 U	1.5 U
trans-1,3-Dichloropropene	--	--		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
trans-1,4-Dichloro-2-butene	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Trichloroethene	470	21000		0.99 U	1.2 U	1.1 U	1.1 U	0.99 U	0.98 U
Trichlorofluoromethane	--	--		5.0 U	6.0 U	5.4 U	5.7 U	4.9 U	4.9 U
Vinyl Acetate	--	--		9.9 U	12 U	11 U	11 U	9.9 U	9.8 U
Vinyl chloride	20	900		2.0 U	2.4 U	2.2 U	2.3 U	2.0 U	2.0 U
Total VOCs				0	0	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
			Sample Date:	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
1,1'-Biphenyl	--	--		72 J	390 U	430 U	400 U	420 U	420 U
1,2,4,5-Tetrachlorobenzene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
1,2,4-Trichlorobenzene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
1,2-Dichlorobenzene	1100	100000		190 U	170 U	190 U	180 U	180 U	180 U
1,3-Dichlorobenzene	2400	49000		190 U	170 U	190 U	180 U	180 U	180 U
1,4-Dichlorobenzene	1800	13000		190 U	170 U	190 U	180 U	180 U	180 U
2,2'-oxybis (1-chloropropane)	--	--		230 U	210 U	220 U	210 U	220 U	220 U
2,4,5-Trichlorophenol	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2,4,6-Trichlorophenol	--	--		120 U	100 U	110 U	110 U	110 U	110 U
2,4-Dichlorophenol	--	--		170 U	150 U	170 U	160 U	170 U	160 U
2,4-Dimethylphenol	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2,4-Dinitrophenol	--	--		930 U	820 U	900 U	850 U	890 U	880 U
2,4-Dinitrotoluene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2,6-Dinitrotoluene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2-Chloronaphthalene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2-Chlorophenol	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2-Methylnaphthalene	--	--		740	210 U	220 U	210 U	680	220 U
2-Methylphenol	330	100000		190 U	170 U	190 U	180 U	180 U	180 U
2-Nitroaniline	--	--		190 U	170 U	190 U	180 U	180 U	180 U
2-Nitrophenol	--	--		420 U	370 U	400 U	380 U	400 U	390 U
3&4-Methylphenol	--	--		280 U	250 U	270 U	260 U	270 U	260 U
3,3'-Dichlorobenzidine	--	--		190 U	170 U	190 U	180 U	180 U	180 U
3-Nitroaniline	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4,6-Dinitro-2-methylphenol	--	--		500 U	450 U	490 U	460 U	480 U	480 U
4-Bromophenyl phenyl ether	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4-Chloro-3-methylphenol	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4-Chloroaniline	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4-Chlorophenyl phenyl ether	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4-Nitroaniline	--	--		190 U	170 U	190 U	180 U	180 U	180 U
4-Nitrophenol	--	--		270 U	240 U	260 U	250 U	260 U	260 U
Acenaphthene	20000	100000		290	140 U	150 U	140 U	150 U	150 U
Acenaphthylene	100000	100000		130 J	140 U	150 U	140 U	150 U	150 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
			Sample Date:	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Acetophenone	--	--		190 U	170 U	190 U	180 U	130 J	180 U
Anthracene	100000	100000		640	100 U	110 U	110 U	110 U	110 U
Benzo[a]anthracene	1000	1000		<b>2000</b>	100 U	63 J	110 U	120	110 U
Benzo[a]pyrene	1000	1000		<b>1800</b>	140 U	54 J	140 U	110 J	150 U
Benzo[b]fluoranthene	1000	1000		<b>2500</b>	100 U	77 J	110 U	160	110 U
Benzo[g,h,i]perylene	100000	100000		1000	140 U	150 U	140 U	75 J	150 U
Benzo[k]fluoranthene	800	3900		<b>940</b>	100 U	110 U	110 U	50 J	110 U
Benzoic Acid	--	--		630 U	560 U	610 U	580 U	600 U	590 U
Benzyl Alcohol	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Bis(2-chloroethoxy)methane	--	--		210 U	180 U	200 U	190 U	200 U	200 U
Bis(2-chloroethyl) ether	--	--		170 U	150 U	170 U	160 U	170 U	160 U
Bis(2-ethylhexyl) phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Butylbenzyl phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Carbazole	--	--		360	170 U	190 U	180 U	180 U	180 U
Chrysene	1000	3900		<b>2100</b>	100 U	66 J	110 U	160	110 U
Dibenzo[a,h]anthracene	330	330		280	100 U	110 U	110 U	110 U	110 U
Dibenzofuran	7000	59000		260	170 U	190 U	180 U	140 J	180 U
Diethyl phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Dimethyl phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Di-n-butyl phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Di-n-octyl phthalate	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Fluoranthene	100000	100000		4000	100 U	120	110 U	180	110 U
Fluorene	30000	100000		220	170 U	190 U	180 U	180 U	180 U
Hexachlorobenzene	330	1200		120 U	100 U	110 U	110 U	110 U	110 U
Hexachlorobutadiene	--	--		190 U	170 U	190 U	180 U	180 U	180 U
Hexachlorocyclopentadiene	--	--		550 U	490 U	540 U	510 U	530 U	520 U
Hexachloroethane	--	--		150 U	140 U	150 U	140 U	150 U	150 U
Indeno[1,2,3-cd]pyrene	500	500		<b>1200</b>	140 U	150 U	140 U	78 J	150 U
Isophorone	--	--		170 U	150 U	170 U	160 U	170 U	160 U
Naphthalene	12000	100000		700	170 U	190 U	180 U	600	180 U
Nitrobenzene	--	--		170 U	150 U	170 U	160 U	170 U	160 U
n-Nitrosodi-n-propylamine	--	--		190 U	170 U	190 U	180 U	180 U	180 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103
			<b>Sample Date:</b>	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
n-Nitrosodiphenylamine	--	--		150 U	140 U	150 U	140 U	150 U	150 U
Pentachlorophenol	800	6700		150 U	140 U	150 U	140 U	150 U	150 U
Phenanthrene	100000	100000		2900	100 U	98 J	110 U	320	110 U
Phenol	330	100000		190 U	170 U	190 U	180 U	180 U	180 U
Pyrene	100000	100000		3300	100 U	91 J	110 U	190	110 U
<b>Total SVOCs</b>				25432	0	569	0	2993	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1501	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701
			Sample Date:	4/16/2013	4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
1,1'-Biphenyl	--	--		890 U	400 U	440 U	390 U	440 U	400 U
1,2,4,5-Tetrachlorobenzene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
1,2,4-Trichlorobenzene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
1,2-Dichlorobenzene	1100	100000		390 U	180 U	190 U	170 U	190 U	180 U
1,3-Dichlorobenzene	2400	49000		390 U	180 U	190 U	170 U	190 U	180 U
1,4-Dichlorobenzene	1800	13000		390 U	180 U	190 U	170 U	190 U	180 U
2,2'-oxybis (1-chloropropane)	--	--		470 U	210 U	230 U	200 U	230 U	210 U
2,4,5-Trichlorophenol	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2,4,6-Trichlorophenol	--	--		230 U	110 U	110 U	100 U	120 U	100 U
2,4-Dichlorophenol	--	--		350 U	160 U	170 U	150 U	170 U	160 U
2,4-Dimethylphenol	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2,4-Dinitrophenol	--	--		1900 U	850 U	920 U	820 U	930 U	850 U
2,4-Dinitrotoluene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2,6-Dinitrotoluene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2-Chloronaphthalene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2-Chlorophenol	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2-Methylnaphthalene	--	--		470 U	210 U	230 U	200 U	230 U	210 U
2-Methylphenol	330	100000		390 U	180 U	190 U	170 U	190 U	180 U
2-Nitroaniline	--	--		390 U	180 U	190 U	170 U	190 U	180 U
2-Nitrophenol	--	--		840 U	380 U	410 U	370 U	420 U	380 U
3&4-Methylphenol	--	--		560 U	250 U	280 U	240 U	280 U	250 U
3,3'-Dichlorobenzidine	--	--		390 U	180 U	190 U	170 U	190 U	180 U
3-Nitroaniline	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4,6-Dinitro-2-methylphenol	--	--		1000 U	460 U	500 U	440 U	500 U	460 U
4-Bromophenyl phenyl ether	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4-Chloro-3-methylphenol	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4-Chloroaniline	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4-Chlorophenyl phenyl ether	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4-Nitroaniline	--	--		390 U	180 U	190 U	170 U	190 U	180 U
4-Nitrophenol	--	--		550 U	250 U	270 U	240 U	270 U	250 U
Acenaphthene	20000	100000		310 U	140 U	150 U	140 U	160 U	140 U
Acenaphthylene	100000	100000		310 U	140 U	61 J	140 U	160 U	140 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1501	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701
			Sample Date:	4/16/2013	4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Acetophenone	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Anthracene	100000	100000		230 U	110 U	120	100 U	120 U	100 U
Benzo[a]anthracene	1000	1000		160 J	110 U	370	100 U	120 U	100 U
Benzo[a]pyrene	1000	1000		150 J	140 U	350	140 U	160 U	140 U
Benzo[b]fluoranthene	1000	1000		120 J	110 U	440	100 U	120 U	100 U
Benzo[g,h,i]perylene	100000	100000		230 J	140 U	220	140 U	160 U	140 U
Benzo[k]fluoranthene	800	3900		230 U	110 U	170	100 U	120 U	100 U
Benzoic Acid	--	--		1300 U	570 U	620 U	550 U	630 U	570 U
Benzyl Alcohol	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Bis(2-chloroethoxy)methane	--	--		420 U	190 U	210 U	180 U	210 U	190 U
Bis(2-chloroethyl) ether	--	--		350 U	160 U	170 U	150 U	170 U	160 U
Bis(2-ethylhexyl) phthalate	--	--		390 U	110 J	190 U	170 U	190 U	180 U
Butylbenzyl phthalate	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Carbazole	--	--		390 U	180 U	52 J	170 U	190 U	180 U
Chrysene	1000	3900		200 J	110 U	370	100 U	120 U	100 U
Dibenzo[a,h]anthracene	330	330		230 U	110 U	54 J	100 U	120 U	100 U
Dibenzofuran	7000	59000		390 U	180 U	190 U	170 U	190 U	180 U
Diethyl phthalate	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Dimethyl phthalate	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Di-n-butyl phthalate	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Di-n-octyl phthalate	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Fluoranthene	100000	100000		180 J	34 J	770	51 J	120 U	100 U
Fluorene	30000	100000		390 U	180 U	190 U	170 U	190 U	180 U
Hexachlorobenzene	330	1200		230 U	110 U	110 U	100 U	120 U	100 U
Hexachlorobutadiene	--	--		390 U	180 U	190 U	170 U	190 U	180 U
Hexachlorocyclopentadiene	--	--		1100 U	510 U	550 U	490 U	560 U	510 U
Hexachloroethane	--	--		310 U	140 U	150 U	140 U	160 U	140 U
Indeno[1,2,3-cd]pyrene	500	500		230 J	140 U	240	140 U	160 U	140 U
Isophorone	--	--		350 U	160 U	170 U	150 U	170 U	160 U
Naphthalene	12000	100000		390 U	180 U	190 U	170 U	190 U	180 U
Nitrobenzene	--	--		350 U	160 U	170 U	150 U	170 U	160 U
n-Nitrosodi-n-propylamine	--	--		390 U	180 U	190 U	170 U	190 U	180 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-1501	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701
			<b>Sample Date:</b>	4/16/2013	4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
n-Nitrosodiphenylamine	--	--		310 U	140 U	150 U	140 U	160 U	140 U
Pentachlorophenol	800	6700		310 U	140 U	150 U	140 U	160 U	140 U
Phenanthrene	100000	100000		160 J	39 J	540	61 J	120 U	100 U
Phenol	330	100000		390 U	180 U	190 U	170 U	190 U	180 U
Pyrene	100000	100000		280	41 J	670	46 J	120 U	100 U
<b>Total SVOCs</b>				1710	224	4427	158	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
			Sample Date:	4/17/2013	4/19/2013	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
1,1'-Biphenyl	--	--		430 U	400 U	430 U	400 U	430 U	400 U
1,2,4,5-Tetrachlorobenzene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
1,2,4-Trichlorobenzene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
1,2-Dichlorobenzene	1100	100000		190 U	170 U	190 U	170 U	190 U	180 U
1,3-Dichlorobenzene	2400	49000		190 U	170 U	190 U	170 U	190 U	180 U
1,4-Dichlorobenzene	1800	13000		190 U	170 U	190 U	170 U	190 U	180 U
2,2'-oxybis (1-chloropropane)	--	--		230 U	210 U	230 U	210 U	230 U	210 U
2,4,5-Trichlorophenol	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2,4,6-Trichlorophenol	--	--		110 U	100 U	110 U	100 U	110 U	110 U
2,4-Dichlorophenol	--	--		170 U	160 U	170 U	160 U	170 U	160 U
2,4-Dimethylphenol	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2,4-Dinitrophenol	--	--		910 U	830 U	900 U	840 U	910 U	850 U
2,4-Dinitrotoluene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2,6-Dinitrotoluene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2-Chloronaphthalene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2-Chlorophenol	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2-Methylnaphthalene	--	--		230 U	210 U	230 U	210 U	230 U	210 U
2-Methylphenol	330	100000		190 U	170 U	190 U	170 U	190 U	180 U
2-Nitroaniline	--	--		190 U	170 U	190 U	170 U	190 U	180 U
2-Nitrophenol	--	--		410 U	380 U	410 U	380 U	410 U	380 U
3&4-Methylphenol	--	--		270 U	250 U	270 U	250 U	270 U	250 U
3,3'-Dichlorobenzidine	--	--		190 U	170 U	190 U	170 U	190 U	180 U
3-Nitroaniline	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4,6-Dinitro-2-methylphenol	--	--		490 U	450 U	490 U	450 U	490 U	460 U
4-Bromophenyl phenyl ether	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4-Chloro-3-methylphenol	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4-Chloroaniline	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4-Chlorophenyl phenyl ether	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4-Nitroaniline	--	--		190 U	170 U	190 U	170 U	190 U	180 U
4-Nitrophenol	--	--		260 U	240 U	260 U	240 U	270 U	250 U
Acenaphthene	20000	100000		150 U	140 U	150 U	140 U	93 J	140 U
Acenaphthylene	100000	100000		150 U	140 U	150 U	140 U	65 J	140 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
			Sample Date:	4/17/2013	4/19/2013	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Acetophenone	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Anthracene	100000	100000		110 U	100 U	110 U	100 U	340	110 U
Benzo[a]anthracene	1000	1000		110 U	100 U	140	100 U	810	49 J
Benzo[a]pyrene	1000	1000		150 U	140 U	130 J	140 U	740	44 J
Benzo[b]fluoranthene	1000	1000		110 U	100 U	190	100 U	940	56 J
Benzo[g,h,i]perylene	100000	100000		150 U	140 U	86 J	140 U	450	140 U
Benzo[k]fluoranthene	800	3900		110 U	100 U	60 J	100 U	350	110 U
Benzoic Acid	--	--		610 U	560 U	610 U	560 U	620 U	570 U
Benzyl Alcohol	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Bis(2-chloroethoxy)methane	--	--		200 U	190 U	200 U	190 U	200 U	190 U
Bis(2-chloroethyl) ether	--	--		170 U	160 U	170 U	160 U	170 U	160 U
Bis(2-ethylhexyl) phthalate	--	--		190 U	170 U	160 J	170 U	98 J	180 U
Butylbenzyl phthalate	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Carbazole	--	--		190 U	170 U	190 U	170 U	160 J	180 U
Chrysene	1000	3900		110 U	100 U	140	100 U	850	56 J
Dibenzo[a,h]anthracene	330	330		110 U	100 U	110 U	100 U	100 J	110 U
Dibenzofuran	7000	59000		190 U	170 U	190 U	170 U	78 J	180 U
Diethyl phthalate	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Dimethyl phthalate	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Di-n-butyl phthalate	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Di-n-octyl phthalate	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Fluoranthene	100000	100000		110 U	100 U	240	100 U	1900	120
Fluorene	30000	100000		190 U	170 U	190 U	170 U	96 J	180 U
Hexachlorobenzene	330	1200		110 U	100 U	110 U	100 U	110 U	110 U
Hexachlorobutadiene	--	--		190 U	170 U	190 U	170 U	190 U	180 U
Hexachlorocyclopentadiene	--	--		540 U	500 U	540 U	500 U	540 U	510 U
Hexachloroethane	--	--		150 U	140 U	150 U	140 U	150 U	140 U
Indeno[1,2,3-cd]pyrene	500	500		150 U	140 U	90 J	140 U	490	140 U
Isophorone	--	--		170 U	160 U	170 U	160 U	170 U	160 U
Naphthalene	12000	100000		190 U	170 U	190 U	170 U	190 U	180 U
Nitrobenzene	--	--		170 U	160 U	170 U	160 U	170 U	160 U
n-Nitrosodi-n-propylamine	--	--		190 U	170 U	190 U	170 U	190 U	180 U

Table 3. Summary of Semivolatile Organic Compounds in Soil  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-1702	SB-1702	SB-5401	SB-5401	SB-5402	SB-5402
			<b>Sample Date:</b>	4/17/2013	4/19/2013	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
n-Nitrosodiphenylamine	--	--		150 U	140 U	150 U	140 U	150 U	140 U
Pentachlorophenol	800	6700		150 U	140 U	150 U	140 U	150 U	140 U
Phenanthrene	100000	100000		110 U	100 U	93 J	100 U	1400	70 J
Phenol	330	100000		190 U	170 U	190 U	170 U	190 U	180 U
Pyrene	100000	100000		110 U	100 U	230	100 U	1800	120
<b>Total SVOCs</b>				0	0	1559	0	10760	515

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
 NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
 NYSDEC Part 375 Restricted-Residential Standards

Table 4. Summary of Metals in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: Sample Date: Sample Depth (ft bls):	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103	SB-1501
	Part 375 Unrestricted Use (mg/kg)	NYSDEC Part 375 Restricted- Residential (mg/kg)		4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013	4/16/2013
				0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2
Aluminum	--	--	11000	4600	15000	7500	33000	7500	13000	
Antimony	--	--	3.0 J	3.9 U	1.3 J	1.2 J	9.6	1.0 J	1.5 J	
Arsenic	13	16	9.9	1.1	4.8	1.5	<b>28</b>	3.4	5.6	
Barium	350	400	150	28	61	36	<b>490</b>	24	47	
Beryllium	7.2	72	0.63	0.22 J	0.45	0.47	1.6	0.47	0.5	
Cadmium	2.5	4.3	0.44 J	0.79 U	0.86 U	0.81 U	0.87 U	0.88 U	0.92 U	
Calcium	--	--	30000	600	1500	1300	8000	3600	1800	
Chromium	30	180	24	12	18	17	<b>61</b>	14	15	
Cobalt	--	--	6.6	4	5.2	5.7	9.2	5.9	6	
Copper	50	270	<b>72</b>	10	12	16	45	9.4	15	
Iron	--	--	18000	10000	17000	12000	78000	12000	16000	
Lead	63	400	<b>220</b>	17	26	7.9	<b>72</b>	6	<b>110</b>	
Magnesium	--	--	4800	1600	1800	2700	2000	2600	2100	
Manganese	1600	2000	220	250	220	270	120	310	280	
Mercury	0.18	0.81	<b>0.3</b>	0.08 U	0.02 J	0.07 U	<b>0.24</b>	0.09 U	0.04 J	
Nickel	30	310	24	14	14	30	30	30	14	
Potassium	--	--	1400	430	520	680	3400	450	640	
Selenium	3.9	180	0.67 J	0.37 J	1.1 J	0.36 J	2.9	0.76 J	0.74 J	
Silver	2	180	0.23 J	0.79 U	0.86 U	0.81 U	0.23 J	0.88 U	0.92 U	
Sodium	--	--	520	95 J	160 J	170	2100	170 J	180 U	
Thallium	--	--	1.8 U	1.6 U	1.7 U	0.52 J	1.7 U	0.68 J	1.8 U	
Vanadium	--	--	41	15	24	24	130	17	23	
Zinc	109	10000	<b>280</b>	22	35	29	27	24	47	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

mg/kg - Milligrams per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the

NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the

NYSDEC Part 375 Restricted-Residential Standards

Table 4. Summary of Metals in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: Sample Date: Sample Depth (ft bls):	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701	SB-1702	SB-1702
	Part 375 Unrestricted Use (mg/kg)	NYSDEC Part 375 Restricted- Residential (mg/kg)		4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013	4/17/2013	4/19/2013
				10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Aluminum	--	--	4600	9900	4000	16000	4700	14000	5400	
Antimony	--	--	4.1 U	2.0 J	4.2 U	2.5 J	0.86 J	1.5 J	0.90 J	
Arsenic	13	16	1.4	5.8	1.4	1.9	1.3	5.7	1.2	
Barium	350	400	22	78	22	98	24	66	27	
Beryllium	7.2	72	0.22 J	0.44	0.30 J	0.33 J	0.31 J	0.43 J	0.33 J	
Cadmium	2.5	4.3	0.83 U	0.20 J	0.84 U	0.39 J	0.81 U	0.92 U	0.83 U	
Calcium	--	--	540	6700	840	7600	4500	2400	620	
Chromium	30	180	13	13	10	<b>52</b>	13	17	15	
Cobalt	--	--	4	5.5	3.8	16	3.9	5.7	4.1	
Copper	50	270	9.4	33	11	<b>53</b>	9.5	14	10	
Iron	--	--	10000	14000	12000	26000	10000	17000	11000	
Lead	63	400	5.6	<b>190</b>	4.9	<b>110</b>	6.4	<b>140</b>	3.4 J	
Magnesium	--	--	1700	1900	1500	15000	4000	1800	2200	
Manganese	1600	2000	240	300	280	720	240	360	310	
Mercury	0.18	0.81	0.07 U	<b>0.22</b>	0.08 U	0.08 J	0.07 U	0.1	0.08 U	
Nickel	30	310	16	18	15	29	15	12	16	
Potassium	--	--	590	720	400	750	450	620	900	
Selenium	3.9	180	0.32 J	0.86 J	0.90 J	1.2 J	0.77 J	0.71 J	0.98 J	
Silver	2	180	0.83 U	0.22 J	0.84 U	0.34 J	0.81 U	0.92 U	0.83 U	
Sodium	--	--	160 U	260	110 J	400	89 J	97 J	140 J	
Thallium	--	--	1.6 U	1.8 U	0.76 J	1.8 U	0.64 J	1.8 U	0.64 J	
Vanadium	--	--	15	22	16	53	15	25	19	
Zinc	109	10000	20	<b>120</b>	19	<b>130</b>	19	35	19	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

mg/kg - Milligrams per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the

NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the

NYSDEC Part 375 Restricted-Residential Standards

Table 4. Summary of Metals in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: Sample Date: Sample Depth (ft bls):	SB-5401	SB-5401	SB-5402	SB-5402
	Part 375 Unrestricted Use (mg/kg)	NYSDEC Part 375 Restricted- Residential (mg/kg)		4/17/2013	4/19/2013	4/17/2013	4/19/2013
Aluminum	--	--		12000	3900	13000	9700
Antimony	--	--		2.2 J	4.1 U	2.0 J	1.2 J
Arsenic	13	16		6.5	1.2	6.1	3.3
Barium	350	400		87	19	320	27
Beryllium	7.2	72		0.45	0.28 J	0.48	0.52
Cadmium	2.5	4.3		0.18 J	0.83 U	0.88 U	0.82 U
Calcium	--	--		12000	1100	4300	960
Chromium	30	180		17	9.6	20	27
Cobalt	--	--		6.2	4.3	7.4	6.4
Copper	50	270		28	10	<b>280</b>	13
Iron	--	--		16000	8800	18000	13000
Lead	63	400		<b>100</b>	5	<b>3200</b>	16
Magnesium	--	--		2600	1800	2700	3200
Manganese	1600	2000		330	260	330	290
Mercury	0.18	0.81		0.17	0.07 U	0.17	0.04 J
Nickel	30	310		20	22	<b>160</b>	<b>34</b>
Potassium	--	--		1000	580	840	580
Selenium	3.9	180		0.59 J	0.43 J	0.83 J	0.98 J
Silver	2	180		0.90 U	0.83 U	0.88 U	0.82 U
Sodium	--	--		170 J	79 J	200	160 U
Thallium	--	--		1.8 U	0.50 J	1.8 U	0.84 J
Vanadium	--	--		25	15	31	23
Zinc	109	10000		<b>130</b>	19	<b>210</b>	27

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

mg/kg - Milligrams per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
NYSDEC Part 375 Restricted-Residential Standards

Table 5. Summary of Polychlorinated Biphenyls in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103	SB-1501
			<b>Sample Date:</b>	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013	4/16/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2
Aroclor-1016	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1221	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1232	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1242	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1248	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1254	--	--		38.2 U	34.6 U	36.1 U	35.1 U	35.8 U	35.4 U	37.8 U
Aroclor-1260	--	--		26.7 J	34.6 U	36.1 U	35.1 U	13.7 J	35.4 U	37.8 U
Total PCBs	100	1000		26.7 J	0	0	0	13.7 J	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
NYSDEC Part 375 Restricted-Residential Standards

Table 5. Summary of Polychlorinated Biphenyls in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701	SB-1702	SB-1702
			<b>Sample Date:</b>	4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013	4/17/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
Aroclor-1016	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1221	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1232	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1242	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1248	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1254	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Aroclor-1260	--	--		34.2 U	36.7 U	34.2 U	37.9 U	33.6 U	38.3 U	34.0 U
Total PCBs	100	1000		0	0	0	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
NYSDEC Part 375 Restricted-Residential Standards

Table 5. Summary of Polychlorinated Biphenyls in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	<b>Sample Designation:</b>	SB-5401	SB-5401	SB-5402	SB-5402
			<b>Sample Date:</b>	4/17/2013	4/19/2013	4/17/2013	4/19/2013
			<b>Sample Depth (ft bls):</b>	0 - 2	10 - 12	0 - 2	10 - 12
Aroclor-1016	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1221	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1232	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1242	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1248	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1254	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Aroclor-1260	--	--		37.8 U	32.9 U	37.4 U	34.4 U
Total PCBs	100	1000		0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
NYSDEC Part 375 Restricted-Residential Standards

Table 6. Summary of Pesticides in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use (µg/kg)	NYSDEC Part 375 Restricted- Residential (µg/kg)	Sample Designation:	SB-1101	SB-1101	SB-1102	SB-1102	SB-1103	SB-1103	SB-1501
			Sample Date:	4/15/2013	4/17/2013	4/15/2013	4/19/2013	4/15/2013	4/19/2013	4/16/2013
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2
4,4'-DDD	3.3	13000		<b>5.11</b>	1.64 U	1.74 U	1.68 U	1.99 P	1.74 U	1.84 U
4,4'-DDE	3.3	8900		1.16 P	1.64 U	1.74 U	1.68 U	<b>3.7</b>	1.74 U	1.84 U
4,4'-DDT	3.3	7900		<b>17.8</b>	3.08 U	3.27 U	3.16 U	<b>8.38</b>	3.27 U	3.44 U
Aldrin	5	97		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
alpha-BHC	20	480		0.762 U	0.683 U	0.727 U	0.701 U	0.732 U	0.727 U	0.766 U
alpha-Chlordane	94	4200		19.6	2.05 U	2.18 U	2.10 U	2.20 U	2.18 U	2.30 U
beta-BHC	36	360		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
Chlordane	--	--		138	13.3 U	14.2 U	13.7 U	14.3 U	14.2 U	14.9 U
delta-BHC	40	100000		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
Dieldrin	5	200		2.53 P	1.02 U	1.09 U	1.05 U	1.10 U	1.09 U	1.15 U
Endosulfan I	2400	24000		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
Endosulfan II	2400	24000		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
Endosulfan sulfate	2400	24000		0.762 U	0.683 U	0.727 U	0.701 U	0.732 U	0.727 U	0.766 U
Endrin ketone	--	--		1.83 U	1.64 U	1.74 U	1.68 U	1.76 U	1.74 U	1.84 U
Endrin	14	11000		0.762 U	0.683 U	0.727 U	0.701 U	0.732 U	0.727 U	0.766 U
gamma-BHC (Lindane)	100	1300		0.762 U	0.683 U	0.727 U	0.701 U	0.732 U	0.727 U	0.766 U
gamma-Chlordane	--	--		21.7 P	2.05 U	2.18 U	2.10 U	2.20 U	2.18 U	2.30 U
Heptachlor epoxide	--	--		3.43 U	3.08 U	3.27 U	3.16 U	3.29 U	3.27 U	3.44 U
Heptachlor	42	2100		0.914 U	0.820 U	0.872 U	0.842 U	0.878 U	0.872 U	0.919 U
Methoxychlor	--	--		3.43 U	3.08 U	3.27 U	3.16 U	3.29 U	3.27 U	3.44 U
Toxaphene	--	--		34.3 U	30.8 U	32.7 U	31.6 U	32.9 U	32.7 U	34.4 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the

NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the

NYSDEC Part 375 Restricted-Residential Standards

Table 6. Summary of Pesticides in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC	NYSDEC	Sample Designation:	SB-1501	SB-1502	SB-1502	SB-1701	SB-1701	SB-1702	SB-1702
	Part 375 Unrestricted Use (µg/kg)	Part 375 Restricted- Residential (µg/kg)								
			Sample Date:	4/17/2013	4/15/2013	4/19/2013	4/16/2013	4/19/2013	4/17/2013	4/19/2013
			Sample Depth (ft bls):	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12	0 - 2	10 - 12
4,4'-DDD	3.3	13000		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
4,4'-DDE	3.3	8900		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
4,4'-DDT	3.3	7900		3.10 U	3.27 U	3.09 U	3.38 U	3.03 U	3.35 U	3.10 U
Aldrin	5	97		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
alpha-BHC	20	480		0.689 U	0.727 U	0.688 U	0.750 U	0.672 U	0.745 U	0.688 U
alpha-Chlordane	94	4200		2.07 U	2.18 U	2.06 U	2.25 U	2.02 U	2.24 U	2.06 U
beta-BHC	36	360		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
Chlordane	--	--		13.4 U	14.2 U	13.4 U	14.6 U	13.1 U	14.5 U	13.4 U
delta-BHC	40	100000		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
Dieldrin	5	200		1.03 U	1.09 U	1.03 U	1.12 U	1.01 U	1.12 U	1.03 U
Endosulfan I	2400	24000		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
Endosulfan II	2400	24000		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
Endosulfan sulfate	2400	24000		0.689 U	0.727 U	0.688 U	0.750 U	0.672 U	0.745 U	0.688 U
Endrin ketone	--	--		1.65 U	1.74 U	1.65 U	1.80 U	1.61 U	1.79 U	1.65 U
Endrin	14	11000		0.689 U	0.727 U	0.688 U	0.750 U	0.672 U	0.745 U	0.688 U
gamma-BHC (Lindane)	100	1300		0.689 U	0.727 U	0.688 U	0.750 U	0.672 U	0.745 U	0.688 U
gamma-Chlordane	--	--		2.07 U	2.18 U	2.06 U	2.25 U	2.02 U	2.24 U	2.06 U
Heptachlor epoxide	--	--		3.10 U	3.27 U	3.09 U	3.38 U	3.03 U	3.35 U	3.10 U
Heptachlor	42	2100		0.827 U	0.873 U	0.825 U	0.900 U	0.807 U	0.894 U	0.826 U
Methoxychlor	--	--		3.10 U	3.27 U	3.09 U	3.38 U	3.03 U	3.35 U	3.10 U
Toxaphene	--	--		31.0 U	32.7 U	30.9 U	33.8 U	30.3 U	33.5 U	31.0 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the

NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the

NYSDEC Part 375 Restricted-Residential Standards

Table 6. Summary of Pesticides in Soil, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/kg)	NYSDEC	NYSDEC	Sample Designation:	SB-5401	SB-5401	SB-5402	SB-5402
	Part 375 Unrestricted Use (µg/kg)	Part 375 Restricted- Residential (µg/kg)					
			Sample Depth (ft bls):	0 - 2	10 - 12	0 - 2	10 - 12
4,4'-DDD	3.3	13000		1.77 U	1.62 U	1.75 U	1.66 U
4,4'-DDE	3.3	8900		1.77 U	1.62 U	1.75 U	1.66 U
4,4'-DDT	3.3	7900		3.32 U	3.03 U	3.28 U	3.12 U
Aldrin	5	97		1.77 U	1.62 U	1.75 U	1.66 U
alpha-BHC	20	480		0.738 U	0.674 U	0.729 U	0.693 U
alpha-Chlordane	94	4200		2.21 U	2.02 U	2.19 U	2.08 U
beta-BHC	36	360		1.77 U	1.62 U	1.75 U	1.66 U
Chlordane	--	--		14.4 U	13.2 U	14.2 U	13.5 U
delta-BHC	40	100000		1.77 U	1.62 U	1.75 U	1.66 U
Dieldrin	5	200		1.11 U	1.01 U	1.09 U	1.04 U
Endosulfan I	2400	24000		1.77 U	1.62 U	1.75 U	1.66 U
Endosulfan II	2400	24000		1.77 U	1.62 U	1.75 U	1.66 U
Endosulfan sulfate	2400	24000		0.738 U	0.674 U	0.729 U	0.693 U
Endrin ketone	--	--		1.77 U	1.62 U	1.75 U	1.66 U
Endrin	14	11000		0.738 U	0.674 U	0.729 U	0.693 U
gamma-BHC (Lindane)	100	1300		0.738 U	0.674 U	0.729 U	0.693 U
gamma-Chlordane	--	--		2.21 U	2.02 U	2.19 U	2.08 U
Heptachlor epoxide	--	--		3.32 U	3.03 U	3.28 U	3.12 U
Heptachlor	42	2100		0.885 U	0.809 U	0.875 U	0.832 U
Methoxychlor	--	--		3.32 U	3.03 U	3.28 U	3.12 U
Toxaphene	--	--		33.2 U	30.3 U	32.8 U	31.2 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Standards available

Bold data indicates that parameter was detected above the  
NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the  
NYSDEC Part 375 Restricted-Residential Standards

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK
		Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013
1,1,1,2-Tetrachloroethane	5		2.5 U					
1,1,1-Trichloroethane	5		2.5 U					
1,1,2,2-Tetrachloroethane	5		0.50 U					
1,1,2-Trichloroethane	1		1.5 U					
1,1-Dichloroethane	5		2.5 U					
1,1-Dichloroethene	5		0.50 U					
1,1-Dichloropropene	5		2.5 U					
1,2,3-Trichlorobenzene	5		2.5 U					
1,2,3-Trichloropropane	0.04		2.5 U					
1,2,4,5-Tetramethylbenzene	5		2.0 U					
1,2,4-Trichlorobenzene	5		2.5 U					
1,2,4-Trimethylbenzene	5		2.5 U					
1,2-Dibromoethane	--		2.0 U					
1,2-Dichlorobenzene	3		2.5 U					
1,2-Dichloroethane	0.6		0.50 U					
1,2-Dichloropropane	1		1.0 U					
1,3,5-Trimethylbenzene	5		2.5 U					
1,3-Dichlorobenzene	3		2.5 U					
1,3-Dichloropropane	5		2.5 U					
1,4-Dichlorobenzene	3		2.5 U					
1,4-Dioxane	--		250 U					
2,2-Dichloropropane	5		2.5 U					
2-Butanone (MEK)	50		5.0 U					
2-Hexanone	50		5.0 U					
4-Ethyltoluene	--		2.0 U					
4-Methyl-2-pentanone (MIBK)	--		5.0 U					
Acetone	50		5.0 U	1.3 J	1.3 J	1.1 J	5.0 U	5.0 U
Acrylonitrile	5		5.0 U					
1,4-Diethyl Benzene	-		2.0 U					
Benzene	1		0.50 U					
Bromobenzene	5		2.5 U					
Bromochloromethane	5		2.5 U					
Bromodichloromethane	50		0.50 U					
Bromoform	50		2.0 U					

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK
		Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013
Bromomethane	5		2.5 U					
Carbon disulfide	60		5.0 U					
Carbon tetrachloride	5		0.50 U					
Chlorobenzene	5		2.5 U					
Chloroethane	5		2.5 U					
Chloroform	7		0.92 J	0.91 J	0.89 J	2.5 U	2.5 U	2.5 U
Chloromethane	--		2.5 U					
cis-1,2-Dichloroethene	5		2.5 U					
cis-1,3-Dichloropropene	5		0.50 U					
Dibromochloromethane	50		0.50 U					
Dibromochloropropane	--		2.5 U					
Dibromomethane	5		5.0 U					
Dichlorodifluoromethane	5		5.0 U					
Diethyl Ether	--		2.5 U					
Ethylbenzene	5		2.5 U					
Hexachlorobutadiene	0.5		2.5 U					
Isopropylbenzene	5		2.5 U					
m+p-Xylene	5		2.5 U					
Methylene chloride	5		2.5 U					
MTBE	10		2.5 U					
Naphthalene	10		2.5 U					
n-Butylbenzene	5		2.5 U					
n-Propylbenzene	5		2.5 U					
o-Chlorotoluene	--		2.5 U					
o-Xylene	5		2.5 U					
p-Chlorotoluene	--		2.5 U					
p-Isopropyltoluene	5		2.5 U					
sec-Butylbenzene	5		2.5 U					
Styrene	5		2.5 U					
tert-Butylbenzene	5		2.5 U					
Tetrachloroethene	5		0.50 U	0.26 J	0.38 J	0.20 J	0.24 J	0.50 U
Toluene	5		2.5 U					
trans-1,2-Dichloroethene	5		2.5 U					
trans-1,3-Dichloropropene	--		0.50 U					

Table 7. Summary of Volatile Organic Compounds in Groundwater  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK
		Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013
trans-1,4-Dichloro-2-butene	--		2.5 U					
Trichloroethene	5		0.50 U					
Trichlorofluoromethane	5		2.5 U					
Vinyl Acetate	--		5.0 U					
Vinyl chloride	2		1.0 U					

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Values  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 - - No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
		Sample Date:	4/22/2013	4/15/2013	4/16/2013	4/17/2013	4/19/2013
1,1,1,2-Tetrachloroethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	1		1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2,4-Trichlorobenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	--		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	--		250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone (MEK)	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Ethyltoluene	--		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
4-Methyl-2-pentanone (MIBK)	--		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acrylonitrile	5		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Diethyl Benzene	-		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	50		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
		Sample Date:	4/22/2013	4/15/2013	4/16/2013	4/17/2013	4/19/2013
Bromomethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	60		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	50		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloropropane	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromomethane	5		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	5		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl Ether	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m+p-Xylene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylene chloride	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
MTBE	10		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Butylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Chlorotoluene	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
o-Xylene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Chlorotoluene	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
p-Isopropyltoluene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
sec-Butylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	--		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

Table 7. Summary of Volatile Organic Compounds in Groundwater  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	FIELD BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
		Sample Date:	4/22/2013	4/15/2013	4/16/2013	4/17/2013	4/19/2013
trans-1,4-Dichloro-2-butene	--		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	5		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	--		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Values  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 - - No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	TRIP BLANK 4/22/2013
1,1,1,2-Tetrachloroethane	5		2.5 U
1,1,1-Trichloroethane	5		2.5 U
1,1,2,2-Tetrachloroethane	5		0.50 U
1,1,2-Trichloroethane	1		1.5 U
1,1-Dichloroethane	5		2.5 U
1,1-Dichloroethene	5		0.50 U
1,1-Dichloropropene	5		2.5 U
1,2,3-Trichlorobenzene	5		2.5 U
1,2,3-Trichloropropane	0.04		2.5 U
1,2,4,5-Tetramethylbenzene	5		2.0 U
1,2,4-Trichlorobenzene	5		2.5 U
1,2,4-Trimethylbenzene	5		2.5 U
1,2-Dibromoethane	--		2.0 U
1,2-Dichlorobenzene	3		2.5 U
1,2-Dichloroethane	0.6		0.50 U
1,2-Dichloropropane	1		1.0 U
1,3,5-Trimethylbenzene	5		2.5 U
1,3-Dichlorobenzene	3		2.5 U
1,3-Dichloropropane	5		2.5 U
1,4-Dichlorobenzene	3		2.5 U
1,4-Dioxane	--		250 U
2,2-Dichloropropane	5		2.5 U
2-Butanone (MEK)	50		5.0 U
2-Hexanone	50		5.0 U
4-Ethyltoluene	--		2.0 U
4-Methyl-2-pentanone (MIBK)	--		5.0 U
Acetone	50		5.0 U
Acrylonitrile	5		5.0 U
1,4-Diethyl Benzene	-		2.0 U
Benzene	1		0.50 U
Bromobenzene	5		2.5 U
Bromochloromethane	5		2.5 U
Bromodichloromethane	50		0.50 U
Bromoform	50		2.0 U

Table 7. Summary of Volatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	TRIP BLANK 4/22/2013
Bromomethane	5		2.5 U
Carbon disulfide	60		5.0 U
Carbon tetrachloride	5		0.50 U
Chlorobenzene	5		2.5 U
Chloroethane	5		2.5 U
Chloroform	7		2.5 U
Chloromethane	--		2.5 U
cis-1,2-Dichloroethene	5		2.5 U
cis-1,3-Dichloropropene	5		0.50 U
Dibromochloromethane	50		0.50 U
Dibromochloropropane	--		2.5 U
Dibromomethane	5		5.0 U
Dichlorodifluoromethane	5		5.0 U
Diethyl Ether	--		2.5 U
Ethylbenzene	5		2.5 U
Hexachlorobutadiene	0.5		2.5 U
Isopropylbenzene	5		2.5 U
m+p-Xylene	5		2.5 U
Methylene chloride	5		2.5 U
MTBE	10		2.5 U
Naphthalene	10		2.5 U
n-Butylbenzene	5		2.5 U
n-Propylbenzene	5		2.5 U
o-Chlorotoluene	--		2.5 U
o-Xylene	5		2.5 U
p-Chlorotoluene	--		2.5 U
p-Isopropyltoluene	5		2.5 U
sec-Butylbenzene	5		2.5 U
Styrene	5		2.5 U
tert-Butylbenzene	5		2.5 U
Tetrachloroethene	5		0.50 U
Toluene	5		2.5 U
trans-1,2-Dichloroethene	5		2.5 U
trans-1,3-Dichloropropene	--		0.50 U

Table 7. Summary of Volatile Organic Compounds in Groundwater  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	TRIP BLANK 4/22/2013
trans-1,4-Dichloro-2-butene	--		2.5 U
Trichloroethene	5		0.50 U
Trichlorofluoromethane	5		2.5 U
Vinyl Acetate	--		5.0 U
Vinyl chloride	2		1.0 U

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Values  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 - - No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 8 Summary of Semivolatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK	FIELD BLANK
		Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013	4/22/2013
1,1'-Biphenyl	--		2.0 U	2.0 U					
1,2,4,5-Tetrachlorobenzene	--		10 U	10 U					
1,2,4-Trichlorobenzene	5		5.0 U	5.0 U					
1,2-Dichlorobenzene	3		2.0 U	2.0 U					
1,3-Dichlorobenzene	3		2.0 U	2.0 U					
1,4-Dichlorobenzene	3		2.0 U	2.0 U					
2,2'-oxybis (1-chloropropane)	5		2.0 U	2.0 U					
2,4,5-Trichlorophenol	--		5.0 U	5.0 U					
2,4,6-Trichlorophenol	--		5.0 U	5.0 U					
2,4-Dichlorophenol	5		5.0 U	5.0 U					
2,4-Dimethylphenol	50		5.0 U	5.0 U					
2,4-Dinitrophenol	10		20 U	20 U					
2,4-Dinitrotoluene	5		5.0 U	5.0 U					
2,6-Dinitrotoluene	5		5.0 U	5.0 U					
2-Chloronaphthalene	10		0.20 U	0.20 U					
2-Chlorophenol	--		2.0 U	2.0 U					
2-Methylnaphthalene	--		0.20 U	0.20 U	0.06 J	0.20 U	0.08 J	0.20 U	0.20 U
2-Methylphenol	--		5.0 U	5.0 U					
2-Nitroaniline	5		5.0 U	5.0 U					
2-Nitrophenol	--		10 U	10 U					
3&4-Methylphenol	--		5.0 U	5.0 U					
3,3'-Dichlorobenzidine	5		5.0 U	5.0 U					
3-Nitroaniline	5		5.0 U	5.0 U					
4,6-Dinitro-2-methylphenol	--		10 U	10 U					
4-Bromophenyl phenyl ether	--		2.0 U	2.0 U					
4-Chloro-3-methylphenol	--		2.0 U	2.0 U					
4-Chloroaniline	5		5.0 U	5.0 U					
4-Chlorophenyl phenyl ether	--		2.0 U	2.0 U					
4-Nitroaniline	5		5.0 U	5.0 U					
4-Nitrophenol	--		10 U	10 U					

Table 8 Summary of Semivolatile Organic Compounds in Groundwater  
The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK	FIELD BLANK
		Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013	4/22/2013
Acenaphthene	20		0.20 U	0.20 U					
Acenaphthylene	20		0.20 U	0.20 U					
Acetophenone	--		5.0 U	5.0 U					
Anthracene	50		0.20 U	0.20 U					
Benzo[a]anthracene	0.002		0.20 U	0.20 U					
Benzo[a]pyrene	0		0.20 U	0.20 U					
Benzo[b]fluoranthene	0.002		0.20 U	0.20 U					
Benzo[g,h,i]perylene	--		0.20 U	0.20 U					
Benzo[k]fluoranthene	0.002		0.20 U	0.20 U					
Benzoic Acid	--		50 U	50 U					
Benzyl Alcohol	--		2.0 U	2.0 U					
Bis(2-chloroethoxy)methane	5		5.0 U	5.0 U					
Bis(2-chloroethyl) ether	--		2.0 U	2.0 U					
Bis(2-ethylhexyl) phthalate	5		3.0 U	3.0 U					
Butylbenzyl phthalate	50		5.0 U	5.0 U					
Carbazole	--		2.0 U	2.0 U					
Chrysene	0.002		0.20 U	0.20 U					
Dibenzo[a,h]anthracene	--		0.20 U	0.20 U					
Dibenzofuran	--		2.0 U	2.0 U					
Diethyl phthalate	50		5.0 U	5.0 U					
Dimethyl phthalate	50		5.0 U	5.0 U					
Di-n-butyl phthalate	50		5.0 U	5.0 U					
Di-n-octyl phthalate	--		5.0 U	5.0 U					
Fluoranthene	50		0.20 U	0.20 U					
Fluorene	50		0.20 U	0.20 U					
Hexachlorobenzene	0.04		0.80 U	0.80 U					
Hexachlorobutadiene	0.5		0.50 U	0.50 U					
Hexachlorocyclopentadiene	5		20 U	20 U					
Hexachloroethane	5		0.80 U	0.80 U					
Indeno[1,2,3-cd]pyrene	0.002		0.20 U	0.20 U					
Isophorone	50		5.0 U	5.0 U					
Naphthalene	10		0.20 U	0.07 J	0.12 J	0.07 J	0.09 J	0.20 U	0.20 U
Nitrobenzene	0.4		2.0 U	2.0 U					

Table 8 Summary of Semivolatile Organic Compounds in Groundwater  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	<b>Sample Designation:</b> <b>Sample Date:</b>	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK	FIELD BLANK
			4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013	4/22/2013
n-Nitrosodi-n-propylamine	--		5.0 U	5.0 U					
n-Nitrosodiphenylamine	50		2.0 U	2.0 U					
Pentachlorophenol	1		0.80 U	0.80 U					
Phenanthrene	50		0.20 U	0.20 U					
Phenol	1		5.0 U	5.0 U					
Pyrene	50		0.20 U	0.20 U					

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

DUP - Duplicate

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 9. Summary of Metals in Groundwater, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: MW-1 DUP MW-1 DUP MW-1 MW-1 MW-2 MW-2 MW-3 MW-3									
		Sample Date: 4/22/2013		4/22/2013		4/22/2013		4/22/2013		4/22/2013	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Aluminum	--	30.5	2.44 J	33.3	2.85 J	392	12.5	96.7	3.64 J		
Antimony	3	0.44 J	0.38 J	1.58	0.46 J	0.91	0.63	0.59	0.49 J		
Arsenic	25	0.22 J	0.28 J	0.5 U	0.48 J	0.36 J	0.31 J	0.26 J	0.33 J		
Barium	1000	53.43	50.67	53.83	52.41	62.57	51.3	76.9	74.52		
Beryllium	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
Cadmium	5	0.07 J	0.1 J	0.08 J	0.07 J	0.05 J	0.05 J	0.08 J	0.09 J		
Calcium	--	38800	38300	40000	40100	28600	28400	33200	32300		
Chromium	50	0.45 J	0.3 J	0.54 J	0.24 J	1.36	0.26 J	0.72 J	0.39 J		
Cobalt	--	0.92	0.69	0.87	0.72	1.84	0.45 J	1.71	0.69		
Copper	200	0.76 J	0.45 J	0.63 J	0.41 J	2.21	0.47 J	1.03	0.51 J		
Iron	300	69.7	50 U	76.9	50 U	<b>826</b>	23.5 J	230	50 U		
Lead	25	0.23 J	1 U	0.24 J	1 U	0.93 J	1 U	0.38 J	1 U		
Magnesium	--	14200	14900	15000	15600	9040	8940	9290	9390		
Manganese	300	<b>366</b>	<b>344.6</b>	<b>361.3</b>	<b>349.7</b>	211.2	130.7	295.8	178.4		
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 J	0.2 U	0.2 U		
Nickel	100	60.82	57.76	59.93	59.39	33.46	22.73	71.33	65.83		
Potassium	--	4160	4210	4360	4400	5520	5440	6550	6480		
Selenium	10	1.1 J	1.13 J	1.2 J	1.12 J	2.19 J	1.92 J	2.8 J	2.75 J		
Silver	50	0.5 U	0.51 J	0.5 U	1.37	0.5 U	0.54 J	0.5 U	0.63 J		
Sodium	20000	<b>48300</b>	<b>53200</b>	<b>50300</b>	<b>53800</b>	<b>65100</b>	<b>67600</b>	<b>60100</b>	<b>65800</b>		
Thallium	0.5	0.5 U	0.5 U	0.5 U	0.03 J	0.5 U	0.5 U	0.5 U	0.5 U		
Vanadium	--	0.35 J	0.13 J	0.18 J	0.15 J	1.58 J	0.31 J	0.35 J	0.22 J		
Zinc	2000	1.76 J	1.25 J	1.47 J	1.2 J	3.21 J	1.23 J	2.43 J	1.5 J		

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

DUP - Duplicate

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 9. Summary of Metals in Groundwater, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: MW-4		FIELD BLANK		FIELD BLANK		FIELD BLANK	
		Sample Date: 4/22/2013	4/22/2013	4/16/2013	4/16/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Aluminum	--	24.6	2.56 J	100 U	10 U	100 U	10 U	100 U	10 U
Antimony	3	0.64	0.54 J	50 U	0.95 J	50 U	0.95 J	50 U	0.95 J
Arsenic	25	0.33 J	0.26 J	3 J	0.5 U	3 J	0.5 U	3 J	0.5 U
Barium	1000	59.07	57.73	10 U	0.5 U	10 U	0.5 U	10 U	0.5 U
Beryllium	3	0.5 U	0.5 U	5 U	0.5 U	5 U	0.5 U	5 U	0.5 U
Cadmium	5	0.06 J	0.07 J	5 U	0.5 U	5 U	0.5 U	5 U	0.5 U
Calcium	--	30400	30500	100 U	100 U	100 U	100 U	100 U	100 U
Chromium	50	0.54 J	0.44 J	1 U	1 U	1 U	1 U	1 U	1 U
Cobalt	--	1.1	1.11	20 U	0.5 U	20 U	0.5 U	20 U	0.5 U
Copper	200	0.63 J	0.55 J	1 U	1 U	1 U	1 U	1 U	1 U
Iron	300	66.2	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Lead	25	1 U	1 U	10 U	1 U	10 U	1 U	10 U	1 U
Magnesium	--	5200	5300	100 U	100 U	100 U	100 U	100 U	100 U
Manganese	300	274.9	275	10 U	0.5 U	10 U	0.5 U	10 U	0.5 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	39.18	39.07	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U
Potassium	--	5530	5650	2500 U	100 U	2500 U	100 U	2500 U	100 U
Selenium	10	1.62 J	1.5 J	10 U	5 U	10 U	5 U	10 U	5 U
Silver	50	0.5 U	0.11 J	7 U	0.5 U	7 U	0.5 U	7 U	0.5 U
Sodium	20000	<b>173000</b>	<b>172000</b>	150 U	100 U	150 U	100 U	150 U	100 U
Thallium	0.5	0.5 U	0.5 U	20 U	0.5 U	20 U	0.5 U	20 U	0.5 U
Vanadium	--	0.62 J	0.43 J	10 U	5 U	10 U	5 U	10 U	5 U
Zinc	2000	1.24 J	9.36 J	50 U	1.49 J	50 U	1.49 J	50 U	1.49 J

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Value  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 -- No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC .

Table 10. Summary of Polychlorinated Biphenyls in Groundwater  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK	FIELD BLANK
			4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013	4/22/2013
Aroclor-1016	--		0.083 U	0.083 U					
Aroclor-1221	--		0.083 U	0.083 U	0.083 U	0.159 U	0.083 U	0.083 U	0.083 U
Aroclor-1232	--		0.083 U	0.083 U	0.083 U	0.159 U	0.083 U	0.083 U	0.083 U
Aroclor-1242	--		0.083 U	0.083 U					
Aroclor-1248	--		0.083 U	0.083 U	0.083 U	0.159 U	0.083 U	0.083 U	0.083 U
Aroclor-1254	--		0.083 U	0.083 U	0.083 U	0.159 U	0.083 U	0.083 U	0.083 U
Aroclor-1260	--		0.083 U	0.083 U					
Aroclor-1262	--		0.083 U	0.083 U	0.083 U	0.083 U	NA	NA	NA
Aroclor-1268	--		0.083 U	0.083 U	0.083 U	0.159 U	NA	NA	NA
Total PCBs	0.09		0	0	0	0	0	0	0

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Values  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 - - No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC AWQSGVs  
 PCBs - Polychlorinated Biphenyls

Table 11. Summary of Pesticides in Groundwater, The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in µg/L)	NYSDEC	<b>Sample Designation:</b>	DUP	MW-1	MW-2	MW-3	MW-4	FIELD BLANK	FIELD BLANK
	AWQSGVs (µg/L)	<b>Sample Date:</b>	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/16/2013	4/22/2013
4,4'-DDD	0.3		0.040 U	0.040 U					
4,4'-DDE	0.2		0.040 U	0.040 U					
4,4'-DDT	0.2		0.040 U	0.040 U					
Aldrin	0		0.020 U	0.020 U					
alpha-BHC	--		0.020 U	0.020 U					
alpha-Chlordane	--		0.020 U	0.020 U					
beta-BHC	--		0.020 U	0.020 U					
Chlordane	0.05		0.200 U	0.200 U					
delta-BHC	--		0.020 U	0.020 U					
Dieldrin	0.004		0.040 U	0.040 U					
Endosulfan I	--		0.020 U	0.020 U					
Endosulfan II	--		0.040 U	0.040 U					
Endosulfan sulfate	--		0.040 U	0.040 U					
Endrin ketone	--		0.040 U	0.040 U					
Endrin	0		0.040 U	0.040 U					
gamma-BHC (Lindane)	--		0.020 U	0.020 U					
gamma-Chlordane	0		0.020 U	0.020 U					
Heptachlor epoxide	0.03		0.020 U	0.020 U					
Heptachlor	0.04		0.020 U	0.020 U					
Methoxychlor	35		0.200 U	0.200 U					
Toxaphene	0.06		0.200 U	0.200 U					

NYSDEC - New York State Department of Environmental Conservation  
 AWQSGVs - Ambient Water-Quality Standards and Guidance Values  
 µg/L -Micrograms per liter  
 J - Estimated Value  
 U - Compound was analyzed for but not detected  
 DUP - Duplicate  
 -- No NYSDEC AWQSGV available  
 Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 12. Summary of Volatile Organic Compounds in Soil Vapor and Ambient Air  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in ug/m <sup>3</sup> )	Sample Designation:	AMBIENT-1	SV-1101	SV-1102	SV-1501	SV-1502	SV-1701	SV-1702
	Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013
1,1,1-Trichloroethane		1.09 U	3.64 U	1.09 U	2.73 U	5.46 U	1.09 U	2.73 U
1,1,2,2-Tetrachloroethane		1.37 U	4.58 U	1.37 U	3.43 U	6.87 U	1.37 U	3.43 U
1,1,2-Trichloroethane		1.09 U	3.64 U	1.09 U	2.73 U	5.46 U	1.09 U	2.73 U
1,1-Dichloroethane		0.809 U	2.70 U	0.809 U	2.02 U	4.05 U	0.809 U	2.02 U
1,1-Dichloroethene		0.793 U	2.64 U	0.793 U	1.98 U	3.96 U	0.793 U	1.98 U
1,2,4-Trichlorobenzene		1.48 U	4.95 U	1.48 U	3.71 U	7.42 U	1.48 U	3.71 U
1,2,4-Trimethylbenzene		0.983 U	<b>12.6</b>	<b>10.4</b>	<b>9.09</b>	<b>13.1</b>	<b>12</b>	<b>11.4</b>
1,2-Dibromoethane		1.54 U	5.13 U	1.54 U	3.84 U	7.69 U	1.54 U	3.84 U
1,2-Dichlorobenzene		1.20 U	4.01 U	1.20 U	3.01 U	6.01 U	1.20 U	3.01 U
1,2-Dichloroethane		0.809 U	2.70 U	0.809 U	2.02 U	4.05 U	0.809 U	2.02 U
1,2-Dichloropropane		0.924 U	3.08 U	0.924 U	2.31 U	4.62 U	0.924 U	2.31 U
1,3,5-Trimethylbenzene		0.983 U	<b>4.11</b>	<b>2.54</b>	<b>2.78</b>	<b>5.01</b>	<b>3.36</b>	<b>3.48</b>
1,3-BUTADIENE		0.442 U	1.48 U	0.442 U	1.11 U	2.21 U	0.442 U	1.11 U
1,3-Dichlorobenzene		1.20 U	4.01 U	1.20 U	3.01 U	6.01 U	1.20 U	3.01 U
1,4-Dichlorobenzene		1.20 U	4.01 U	1.20 U	3.01 U	6.01 U	1.20 U	3.01 U
1,4-Dioxane		0.721 U	2.40 U	0.721 U	1.80 U	3.60 U	0.721 U	1.80 U
2-Butanone (MEK)		0.590 U	<b>7.49</b>	<b>3.04</b>	<b>10.6</b>	<b>40.7</b>	<b>6.25</b>	<b>4.93</b>
2-Hexanone		0.820 U	2.73 U	0.820 U	2.05 U	4.10 U	<b>1.74</b>	2.05 U
3-Chloropropene		0.626 U	2.09 U	0.626 U	1.57 U	3.13 U	0.626 U	1.57 U
4-ETHYLTOLUENE		0.983 U	<b>4.1</b>	<b>1.68</b>	2.46 U	4.92 U	<b>2.64</b>	<b>2.94</b>
4-Methyl-2-pentanone (MIBK)		0.820 U	2.73 U	0.820 U	2.05 U	4.10 U	<b>0.922</b>	2.05 U
Acetone		<b>5.08</b>	<b>399</b>	<b>168</b>	<b>637</b>	<b>2420</b>	<b>356</b>	<b>366</b>
Benzene		0.639 U	<b>59.7</b>	<b>0.895</b>	<b>56.2</b>	<b>117</b>	<b>11.4</b>	<b>67.1</b>
Benzyl chloride		1.04 U	3.45 U	1.04 U	2.59 U	5.18 U	1.04 U	2.59 U
Bromodichloromethane		1.34 U	4.47 U	1.34 U	3.35 U	6.70 U	1.34 U	3.35 U
Bromoethene		0.874 U	2.92 U	0.874 U	2.19 U	4.37 U	0.874 U	2.19 U
Bromoform		2.07 U	6.90 U	2.07 U	5.17 U	10.3 U	2.07 U	5.17 U
Bromomethane		0.777 U	2.59 U	0.777 U	1.94 U	3.88 U	0.777 U	1.94 U
Carbon disulfide		0.623 U	<b>4.98</b>	0.623 U	<b>6.73</b>	<b>21.3</b>	<b>5.11</b>	<b>3.49</b>
Carbon tetrachloride		1.26 U	4.20 U	1.26 U	3.15 U	6.29 U	1.26 U	3.15 U
Chlorobenzene		0.921 U	3.07 U	0.921 U	2.30 U	4.61 U	0.921 U	2.30 U
Chloroethane		0.528 U	1.76 U	0.528 U	1.32 U	2.64 U	0.528 U	1.32 U
Chloroform		0.977 U	3.26 U	0.977 U	2.44 U	4.88 U	<b>14</b>	<b>2.88</b>
Chloromethane		<b>0.985</b>	1.38 U	<b>1.09</b>	1.03 U	2.07 U	0.413 U	1.03 U
cis-1,2-Dichloroethene		0.793 U	2.64 U	0.793 U	1.98 U	3.96 U	0.793 U	1.98 U
cis-1,3-Dichloropropene		0.908 U	3.03 U	0.908 U	2.27 U	4.54 U	0.908 U	2.27 U
CYCLOHEXANE		0.688 U	<b>6.02</b>	0.688 U	<b>4.37</b>	<b>12.5</b>	<b>4.37</b>	<b>6.54</b>

Table 12. Summary of Volatile Organic Compounds in Soil Vapor and Ambient Air  
 The Doe Fund-Rogers Avenue Site, 1345, 1351, 1357 Rogers Avenue, 562 East 28th Street, Brooklyn, New York

Parameter (Concentrations in ug/m <sup>3</sup> )	Sample Designation:	AMBIENT-1	SV-1101	SV-1102	SV-1501	SV-1502	SV-1701	SV-1702
	Sample Date:	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013	4/22/2013
Dibromochloromethane		1.70 U	5.68 U	1.70 U	4.26 U	8.52 U	1.70 U	4.26 U
Dichlorodifluoromethane		<b>2.42</b>	3.30 U	<b>2.08</b>	2.47 U	4.94 U	<b>2.26</b>	2.47 U
Ethanol		4.71 U	<b>78.4</b>	<b>11.1</b>	<b>26.9</b>	<b>85.2</b>	<b>10.2</b>	<b>24.3</b>
Ethyl Acetate		1.80 U	6.02 U	1.80 U	4.50 U	9.01 U	1.80 U	4.50 U
Ethylbenzene		0.869 U	<b>22.4</b>	<b>1</b>	<b>11.4</b>	<b>14.1</b>	<b>9.08</b>	<b>21.5</b>
Freon 113		1.53 U	5.11 U	1.53 U	3.83 U	7.66 U	1.53 U	3.83 U
Freon 114		1.40 U	4.66 U	1.40 U	3.49 U	6.99 U	1.40 U	3.49 U
HEPTANE		0.820 U	<b>30.4</b>	0.820 U	<b>27.7</b>	<b>46.7</b>	<b>7.34</b>	<b>32.8</b>
Hexachlorobutadiene		2.13 U	7.11 U	2.13 U	5.33 U	10.7 U	2.13 U	5.33 U
Isooctane		0.934 U	3.12 U	0.934 U	2.34 U	4.67 U	0.934 U	2.34 U
ISO-PROPYL ALCOHOL		1.23 U	4.10 U	1.23 U	3.07 U	6.15 U	<b>2.3</b>	3.07 U
m+p-Xylene		1.74 U	<b>69.5</b>	<b>5.21</b>	<b>35.1</b>	<b>53</b>	<b>30</b>	<b>61.7</b>
Methylene chloride		<b>3.68</b>	11.6 U	3.47 U	8.69 U	17.4 U	3.47 U	8.69 U
MTBE		0.721 U	2.40 U	0.721 U	1.80 U	3.61 U	0.721 U	1.80 U
N-HEXANE		0.705 U	<b>45.1</b>	0.705 U	<b>41.9</b>	<b>121</b>	<b>10.9</b>	<b>51.8</b>
o-Xylene		0.869 U	<b>19</b>	<b>2.13</b>	<b>11.7</b>	<b>17</b>	<b>11.5</b>	<b>16.9</b>
Propene		0.861 U	2.87 U	0.861 U	<b>2.99</b>	<b>16.8</b>	<b>5.3</b>	2.15 U
Styrene		0.852 U	2.84 U	0.852 U	2.13 U	4.26 U	<b>1.29</b>	2.13 U
Tetrachloroethene		1.36 U	<b>9.29</b>	1.36 U	<b>4.54</b>	6.78 U	<b>5.11</b>	<b>6.2</b>
TETRAHYDROFURAN		0.590 U	1.97 U	0.590 U	1.47 U	<b>5.04</b>	<b>0.994</b>	1.47 U
Toluene		0.754 U	<b>396</b>	<b>2.41</b>	<b>252</b>	<b>242</b>	<b>75.4</b>	<b>399</b>
trans-1,2-Dichloroethene		0.793 U	2.64 U	0.793 U	1.98 U	3.96 U	0.793 U	1.98 U
trans-1,3-Dichloropropene		0.908 U	3.03 U	0.908 U	2.27 U	4.54 U	0.908 U	2.27 U
Trichloroethene		1.07 U	3.58 U	1.07 U	2.69 U	5.37 U	1.07 U	2.69 U
Trichlorofluoromethane		<b>1.31</b>	3.75 U	<b>1.38</b>	2.81 U	5.62 U	<b>1.49</b>	2.81 U
VINYL ACETATE		0.704 U	2.35 U	0.704 U	1.76 U	3.52 U	0.704 U	1.76 U
Vinyl chloride		0.511 U	1.71 U	0.511 U	1.28 U	2.56 U	0.511 U	1.28 U

J - Estimated value

E - Indicates value exceeded calibration range

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

ug/m<sup>3</sup> - Micrograms per cubic meter

Bold data indicates that parameter was detected

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**FIGURES**

1. Site Location Map
2. Site Plan
3. Proposed Redevelopment Plan
4. Surrounding Land Use
5. Groundwater Elevation and Flow
6. Summary of Exceedances in Soil
7. Summary of Exceedances in Groundwater
8. Summary of Soil Vapor Sample Results



**LEGEND**

**11** TAX LOT WITH E-DESIGNATION

**54** TAX LOT WITH NO E-DESIGNATION



Title:

## SITE LOCATION MAP

1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET  
BROOKLYN, NEW YORK

Prepared for:

### THE DOE FUND

<b>ROUX</b> ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	<b>FIGURE</b>  <b>1</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr.: J.T.	Project No.: 2283.0001Y000	
	File: 2283.0001Y102.02.CDR		

12283Y0001Y10202283.0001Y102.02.CDR

V:\CAD\PROJECTS\2283\0001Y\102\2283.0001Y102.01.DWG

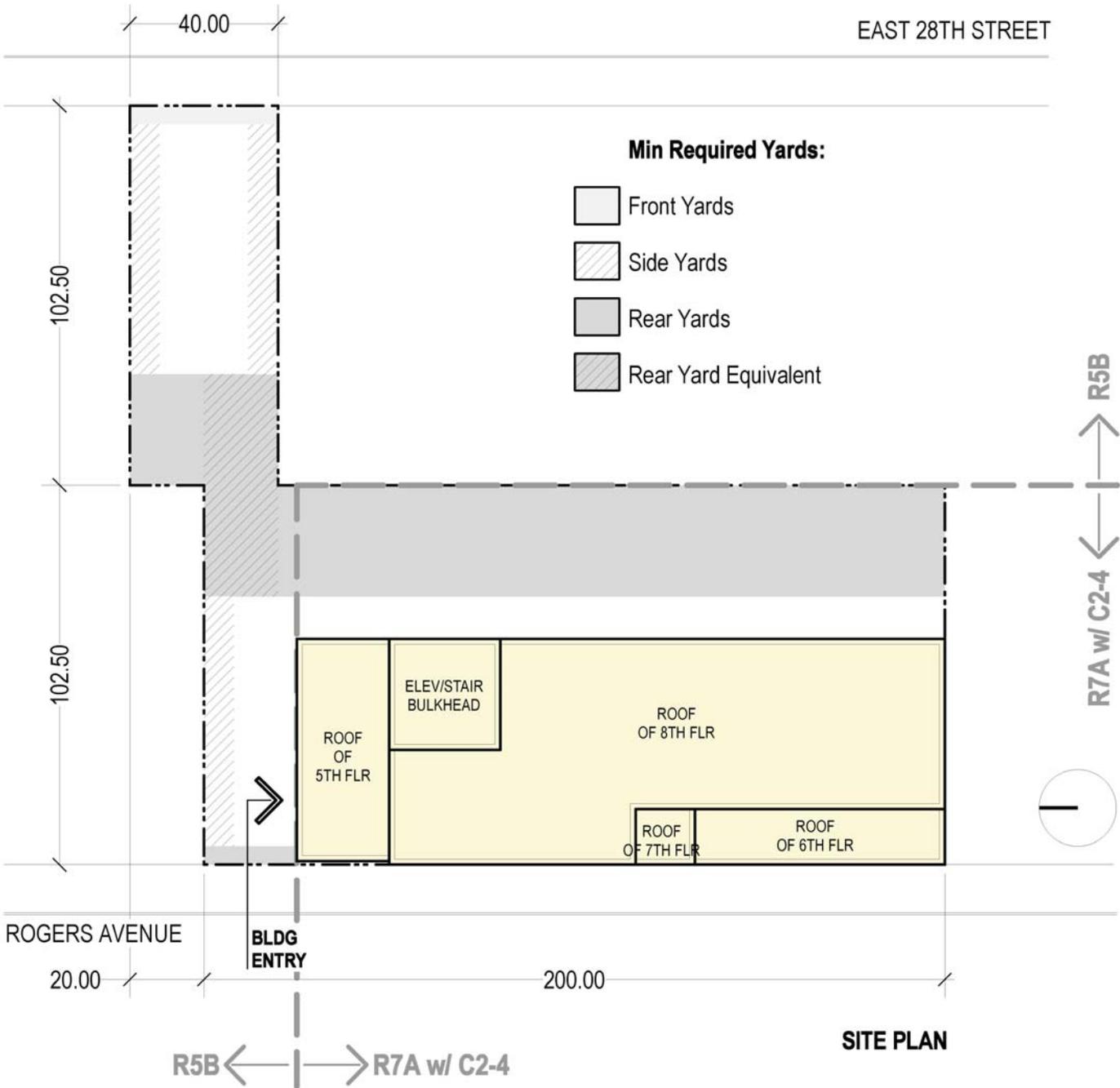


LEGEND

- SOIL BORING LOCATION
- ⊕ SOIL BORING/MONITORING WELL LOCATION
- ⊙ SOIL VAPOR POINT LOCATION
- 17 TAX LOT



Title:			
<b>SITE PLAN</b>			
1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK			
Prepared For:			
THE DOE FUND			
 <b>ROUX ASSOCIATES, INC.</b> <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	<b>FIGURE</b>  <b>2</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: J.T.	Project: 2283.0001Y000	
	File: 2283.0001Y102.01.DWG		

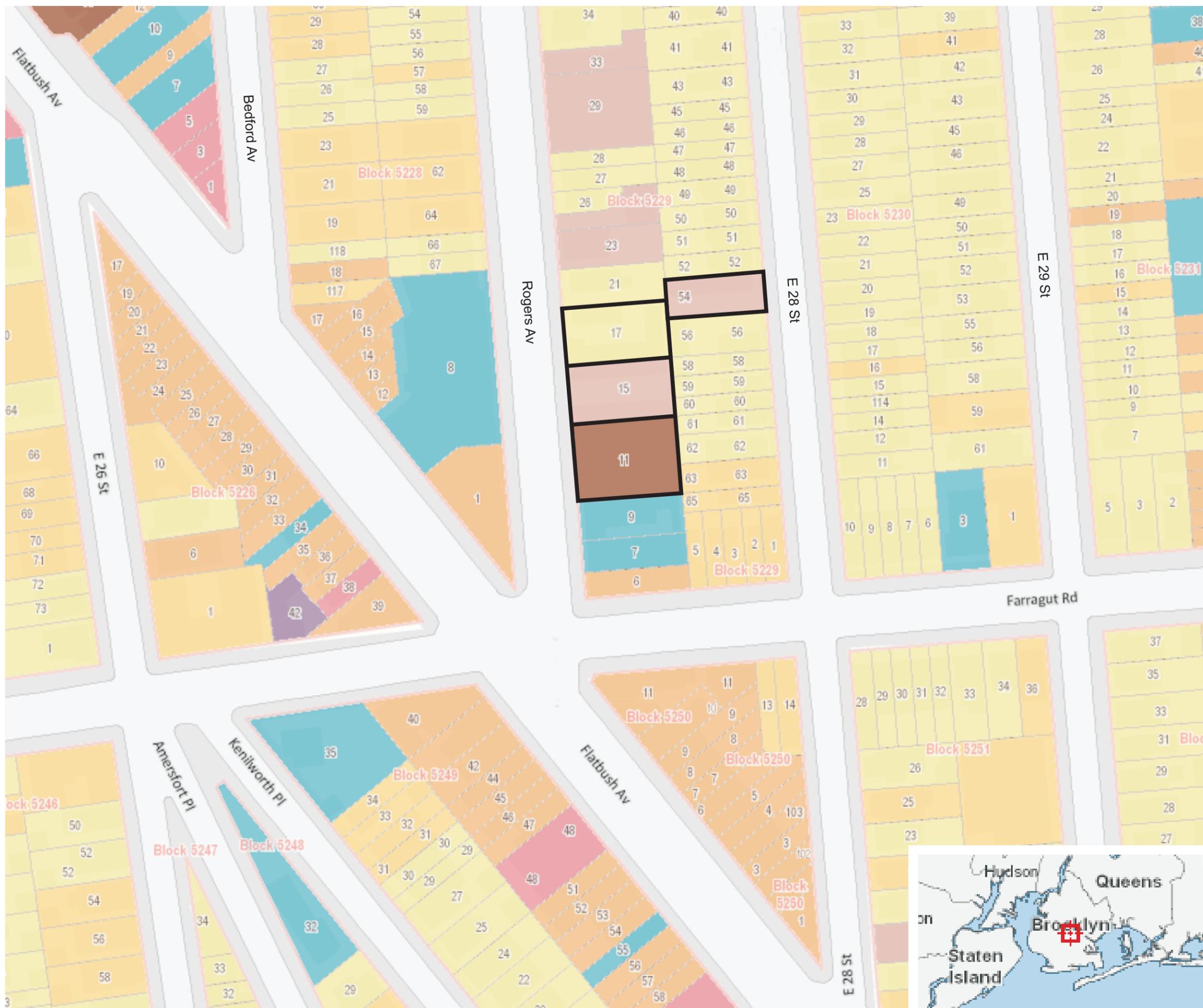


**SITE PLAN**

Title:			
<b>PROPOSED REDEVELOPMENT PLAN</b>			
1345,1351,1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK			
Prepared for:			
THE DOE FUND			
<b>ROUX</b> ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	FIGURE <b>3</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr.: J.T.	Project No.: 2283.0001Y000	
	File: 2283.0001Y102.02.CDR		

SOURCE: MAGNUSSON ARCHITECTURE AND PLANNING, PC,  
DECEMBER, 18, 2012.

12283Y0001Y10202283.0001Y102.02.CDR



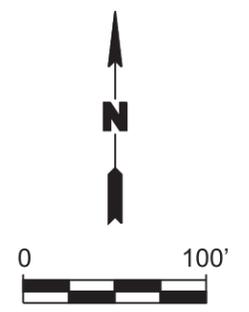
**LEGEND**

SITE PROPERTY

**LAND USAGE**

- 1 & 2 FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MIXED USE
- OPEN SPACE & OUTDOOR RECREATION
- COMMERCIAL
- INSTITUTIONS
- INDUSTRIAL
- PARKING
- TRANSPORTATION / UTILITIES
- VACANT LOTS

**NOTE:**  
 BASE MAP ADAPTED FROM NYC OPEN ACCESSIBLE SPACE INFORMATION SYSTEM (OASIS), WWW.OASISNYC.NET, MARCH2013.



<b>SURROUNDING LAND USE</b>		
1345,1351,1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK		
Prepared for: <b>THE DOE FUND</b>		
	Compiled by: J.T.    Date: 15MAY13	FIGURE
ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Prepared by: B.H.C.    Scale: AS SHOWN	<b>4</b>
	Project Mgr.: J.T.    Project No.: 2283.0001Y000	
	File: 2283.0001Y102.03.CDR	

2283Y0001Y1022283.0001Y102.03.CDR

V:\CAD\PROJECTS\2283\0001Y\102\2283.0001Y102.01.DWG



**LEGEND**

-  MONITORING WELL LOCATION
-  1.66 GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
-  1.6 — LINE OF EQUAL GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
-  —> INFERRED GROUNDWATER FLOW DIRECTION
-  17 TAX LOT



Title:			
<b>GROUNDWATER ELEVATION AND FLOW</b>			
<b>APRIL 19, 2013</b>			
1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK			
Prepared For:			
THE DOE FUND			
 <b>ROUX ASSOCIATES, INC.</b> <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	FIGURE <b>5</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: J.T.	Project: 2283.0001Y000	
	File: 2283.0001Y102.01.DWG		



<b>SB-1701</b>	4/16/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Chromium	52
Copper	53
Lead	110
Zinc	130

<b>SB-1702</b>	4/17/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Lead	140

<b>SB-5401</b>	4/17/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Lead	100
Zinc	130

<b>SB-5402</b>	4/17/13	4/19/13
<b>Depth (ft bls)</b>	0 - 2	10 - 12
<b>Metals</b>		
Copper	280	NE
Lead	3200	NE
Nickel	160	34
Zinc	210	NE

<b>SB-1501</b>	4/16/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Lead	110

<b>SB-1502</b>	4/15/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Lead	190
Mercury	0.22
Zinc	120

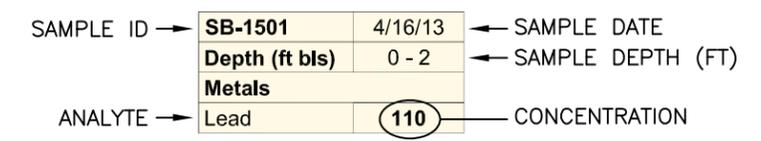
<b>SB-1101</b>	4/15/13
<b>Depth (ft bls)</b>	0 - 2
<b>SVOCs</b>	
Benzo[a]anthracene	2000
Benzo[a]pyrene	1800
Benzo[b]fluoranthene	2500
Benzo[k]fluoranthene	940
Chrysene	2100
Indeno[1,2,3-cd]pyrene	1200
<b>Metals</b>	
Copper	72
Lead	220
Mercury	0.3
Zinc	280
<b>Pesticides</b>	
4,4'-DDD	5.11
4,4'-DDT	17.8

<b>SB-1103</b>	4/15/13
<b>Depth (ft bls)</b>	0 - 2
<b>Metals</b>	
Arsenic	28
Barium	490
Chromium	61
Lead	72
Mercury	0.24
<b>Pesticides</b>	
4,4'-DDE	3.7
4,4'-DDT	8.38

**LEGEND**

- SOIL BORING LOCATION
- ⊕ SOIL BORING/MONITORING WELL LOCATION
- 17 TAX LOT

**TYPICAL DATA BOX**



Parameter	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Restricted-Residential
<b>SVOCs (µg/kg)</b>		
Benzo[a]anthracene	1000	1000
Benzo[a]pyrene	1000	1000
Benzo[b]fluoranthene	1000	1000
Benzo[k]fluoranthene	800	39000
Chrysene	1000	3900
Indeno[1,2,3-cd]pyrene	500	500
<b>Metals (mg/kg)</b>		
Arsenic	13	16
Barium	350	400
Chromium	30	180
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	10000
<b>Pesticides (µg/kg)</b>		
4,4'-DDD	3.3	13000
4,4'-DDE	3.3	8900
4,4'-DDT	3.3	7900

- ft bls Feet below land surface
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NYSDEC New York State Department of Environmental Conservation
- SVOCs Semivolatile Organic Compounds
- NE No exceedances of NYSDEC Part 375 Unrestricted Use Standards
- 72 Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards
- 28 Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted-Residential Standards



Title:			
<b>SUMMARY OF EXCEEDANCES IN SOIL</b>			
<b>APRIL 2013</b>			
1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK			
Prepared For:			
THE DOE FUND			
 ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	FIGURE <b>6</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: J.T.	Project: 2283.0001Y000	
	File: 2283.0001Y102.01.DWG		

V:\CAD\PROJECTS\2283\0001Y\102\2283.0001Y102.01.DWG



MW-1	4/22/13	4/22/13	4/22/13	4/22/13
			DUP	DUP
<b>Metals</b>	<b>Total</b>	<b>Dissolved</b>	<b>Total</b>	<b>Dissolved</b>
Manganese	361.3	349.7	366	344.6
Sodium	50300	53800	48300	53200

MW-2	4/22/13	4/22/13
<b>Metals</b>	<b>Total</b>	<b>Dissolved</b>
Iron	826	NE
Sodium	65100	67600

MW-3	4/22/13	4/22/13
<b>Metals</b>	<b>Total</b>	<b>Dissolved</b>
Sodium	60100	65800

MW-4	4/22/13	4/22/13
<b>Metals</b>	<b>Total</b>	<b>Dissolved</b>
Sodium	173000	172000

LEGEND

SOIL BORING/MONITORING WELL LOCATION

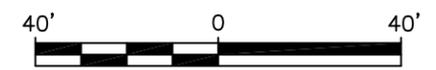
TAX LOT

TYPICAL DATA BOX

SAMPLE ID	<b>MW-2</b>	4/22/13	4/22/13	SAMPLE DATE
	<b>Metals</b>	<b>Total</b>	<b>Dissolved</b>	
ANALYTES	Iron	826	NE	CONCENTRATION (ug/L)
	Sodium	65100	67600	

Parameter	AWQSGVs (Concentrations in ug/L)
Iron	300
Manganese	300
Sodium	20000

- NYSDEC New York State Department of Environmental Conservation
- AWQSGVs Ambient Water-Quality Standards and Guidance Values
- ug/L Micrograms per liter
- DUP Duplicate
- NE No exceedances of NYSDEC AWQSGVs



<p>Title: <b>SUMMARY OF EXCEEDANCES IN GROUNDWATER APRIL 2013</b></p> <p>1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK</p>			
<p>Prepared For: <b>THE DOE FUND</b></p>			
	Compiled by: J.T.	Date: 15MAY13	FIGURE <b>7</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: J.T.	Project: 2283.0001Y000	
	File: 2283.0001Y102.01.DWG		

V:\CAD\PROJECTS\2283\0001Y\102\2283.0001Y102.01.DWG



LEGEND

⊙ SOIL VAPOR POINT LOCATION

17 TAX LOT

TYPICAL DATA BOX

SAMPLE ID →	<b>SV-1101</b>	4/22/13	← SAMPLE DATE
	Parameter		
ANALYTE →	Tetrachloroethene	9.29	← CONCENTRATION (ug/m <sup>3</sup> )

Concentrations in micrograms per cubic meter (ug/m<sup>3</sup>)

**ND** No detections above laboratory detection limits



Title:			
<b>SUMMARY OF SOIL VAPOR SAMPLE RESULTS APRIL 2013</b>			
1345, 1351, 1357 ROGERS AVENUE AND 562 E. 28TH STREET BROOKLYN, NEW YORK			
Prepared For:			
THE DOE FUND			
<b>ROUX</b> ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Compiled by: J.T.	Date: 15MAY13	FIGURE <b>8</b>
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: J.T.	Project: 2283.0001Y000	
	File: 2283.0001Y102.01.DWG		

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDICES**

- A. CA Rich Consultants, Inc. Phase I Report
- B. Health and Safety Plan
- C. Soil Boring/Well Construction Logs
- D. Groundwater and Soil Vapor Sampling Logs
- E. Laboratory Data Deliverables for Soil, Groundwater,  
and Soil Vapor Analytical Data

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDIX A**

CA Rich Consultants, Inc. Phase I Report



**Phase I  
Environmental Site Assessment**

**1345, 1351, & 1357 Rogers Avenue and  
562 East 28<sup>th</sup> Street  
Brooklyn, NY 11210-1431**

**January 2013**

**Prepared For:**

**The DOE Fund  
232 East 84<sup>th</sup> Street  
New York, NY 10028-2902**

**Prepared by:**

**CA RICH Consultants, Inc.  
17 Dupont Street  
Plainview, NY 11803-1614**



January 11, 2013

**The DOE Fund**  
232 East 84<sup>th</sup> Street  
New York, NY 10028

Attn: Larry Gordon

**Re: Phase I Environmental Site Assessment**  
1345, 1351, & 1357 Rogers Avenue and  
562 East 28<sup>th</sup> Street  
Brooklyn, NY  
Block: 5229; Lots: 11, 15, 17 and 54

Dear Mr. Gordon:

The following report summarizes a Phase I Environmental Site Assessment (ESA) for the above-referenced location, performed by CA RICH Consultants, Inc. of Plainview, NY. This Phase I ESA was completed in substantive conformance with the scope and limitations of ASTM Practice E 1527-2005, which sets forth nationally-accepted Phase I guidance criteria.

If you have any questions pertaining to this report, please feel free to contact the undersigned. We thank you for the opportunity to provide you with our professional environmental services.

Sincerely,

**CA RICH CONSULTANTS, INC.**

A handwritten signature in black ink that reads 'Jessica Proscia'.

Jessica Proscia  
Project Environmental Scientist

Reviewed by:

A handwritten signature in black ink that reads 'Deborah Shapiro'.

Deborah Shapiro  
Senior Project Manager

## TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Executive Summary	1
1.0 INTRODUCTION	2
1.1 Purpose	
1.2 Detailed Scope of Services	
1.3 Significant Assumptions	
1.4 Limitations and Exceptions	
1.5 User Reliance	
2.0 PROPERTY DESCRIPTION	4
2.1 Location and Legal Description	
2.2 Description of Property	
2.3 Description of Surrounding Area	
2.4 Current Uses of the Property	
2.5 Current Uses of Adjoining Properties	
2.6 Site Geology & Hydrogeology	
3.0 USER-PROVIDED INFORMATION	5
3.1 Title Records	
3.2 Environmental Liens	
3.3 Specialized Knowledge	
3.4 Commonly Known or Reasonably Ascertainable Information	
3.5 Valuation Reduction for Environmental Issues	
3.6 Owner, Property Manager, and Occupant Information	
3.7 Reason for Performing Phase I	
4.0 SITE RECONNAISSANCE	6
4.1 General	
4.2 Methodology and Limiting Conditions	
4.3 Interview Information	
4.4 Exterior Observations	
4.5 Interior Observations	
4.6 Storage Tanks	
4.7 Toxic / Hazardous Materials	
4.8 Proximity to Environmentally Hazardous and/or Sensitive Areas	
5.0 HISTORICAL LAND USE PRACTICES	8
5.1 Aerial Photography	
5.2 Topography	
5.3 Sanborn Fire Insurance Mapping	
5.4 Local Directory	
6.0 ENVIRONMENTAL RECORDS REVIEW	10
6.1 Federal	
6.2 State and Tribal	
6.3 Local	

<u>Section</u>	<u>Page</u>
7.0 ADDITIONAL SERVICES	19
7.1 Asbestos	
7.2 Radon Gas	
7.3 Lead-Based Paint	
8.0 FINDINGS AND PROFESSIONAL OPINION	20
9.0 CONCLUSIONS	21
10.0 DECLARATIONS OF ENVIRONMENTAL PROFESSIONAL(S)	22
11.0 REFERENCES	23

**FIGURE**

1. Property Location Map

**APPENDICES**

- A. Site Photography
- B. Environmental Database
- C. Supplemental Information (Historical Maps, Aerial Photographs, FOIL Information)
- D. Local Directory
- E. Qualifications of Environmental Professionals

## EXECUTIVE SUMMARY

CA RICH CONSULTANTS, INC. ("CA RICH") of Plainview, New York has completed this Phase I Environmental Site Assessment (ESA) of the property located at 1345, 1351, & 1357 Rogers Avenue and 562 East 28<sup>th</sup> Street in Brooklyn, New York (Block: 5229; Lots 11, 15, 17, and 54) (hereinafter referred to as the "Property" or "Site"). CA RICH performed this Phase I ESA in substantive conformance with the suggested informational requirements, scope and limitations of the American Society for Testing & Materials (ASTM) prevailing Standard Practice E 1527-05 for environmental site assessments. Any exceptions to, or deletions from, these practices are described in Section 1.4 of this Report.

The Property consists of two two-story dwellings, two vacant lots, and several one-story automobile garages. The first dwelling is a two-story walk up with a basement. The second dwelling is unoccupied due to its structural integrity. The remaining portion of the Property contains several one-story garages and asphalt paved vacant lots.

The information and findings presented herein are based upon the data acquired during the Property visit, and through pertinent information obtained from regulatory agencies, responsible persons knowledgeable about the Property, and other historical information sources. Based upon the information reviewed for this Phase I ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property:

**REC-1** Block: 5229; Lots: 11, 15 and 17 are "E" designated for hazardous materials and air. As the Property is to be redeveloped, it is recommended that a Phase II investigation be performed in accordance with New York City Office of Environmental Remediation's (NYCOER's) requirements.

**REC-2** A gasoline underground storage tank (UST) is identified on Sanborn Maps from 1930 through 2007 on Block: 5229; Lot 17. As no records indicating the proper removal of this tank were provided, it is recommended that a Phase II investigation including Ground Penetrating Radar be conducted to determine if the UST is still present and has negatively impacted the Site.

**REC-3** According to the City Directory in 1934 the subject Property was identified as an auto repair facility. Therefore, It is recommended that a Phase II investigation be performed to determine if this historical usage has had a negative impact on the subject Property.

### Other Issues:

**OI-1** There are two active NYCDOB violations associated with Lot 11 and one active NYCDOB violation associated with Lot 54. While NYCDOB violations are not considered *Recognized Environmental Conditions*, it is recommended that the violations be addressed with NYCDOB.

**OI-2** Based on the age of the structures, asbestos is likely present in some of the building materials especially in the lower layers of the tar roofing materials. As the on-site structures are slated for demolition, it is recommended that an ACM survey be performed and appropriate measures be taken to protect the health and safety of building occupants or workers during activities that may disturb the ACM.

**OI-3** Based on the age of the structures, it is possible that lead may be present in covered layers of paint on the walls. As the on-site structures are slated for demolition, it is recommended that a lead based paint survey be performed and appropriate measures be taken to protect the health and safety of building occupants or workers during activities that may disturb the paint.

- OI-4** As the User of this Report plans to redevelop the Property into a residential building, the excavation and removal of on-site soils for foundation purposes will be required. If the results of the recommended Phase II Investigation indicate that the Property contains soil or fill materials that exceed NYSDEC standards or guidance values for contaminants, it is recommended that any material that is to be disturbed or excavated be properly handled and disposed of based upon the results of a waste characterization analysis and in accordance with applicable regulations.

## **1.0 INTRODUCTION**

### **1.1 Purpose**

The purpose of this Phase I ESA is to identify ASTM-defined Recognized Environmental Conditions associated with the subject Property. This assessment was conducted in substantive conformance with ASTMs "*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*" E 1527-05.

This Standard is designed to constitute "*all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice*" as defined in CERCLA 42 USC 9601 (35) (B). Consequently, this assessment investigates the historical land use and present-day condition of the Property in accordance with accepted standards prevailing within the lending industry and the environmental assessment profession. The term *recognized environmental conditions* does not include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate regulatory agencies.

### **1.2 Detailed Scope of Services**

The following general activities were performed by CA RICH as part of this Phase I ESA:

- Visual and physical inspection of representative reasonably accessible exterior areas of the Property by an experienced CA RICH Environmental Professional (EP), whom also satisfies the educational and experience qualification requirements stipulated under the Federal EPA's companion "AAI" Rule, effective November 1, 2006. The review included a review of building practices at adjacent properties;
- Investigation of historical land use practices including review of available Local Directory publications, USGS topographic maps, aerial photographs, and historical Sanborn® Maps, discussions with knowledgeable parties associated with the Property and other readily available records or reports (i.e. prior Phase 1's);
- Review and inquiry of relevant Federal, State, and Local database records pertaining to the subject Property and properties located within approximate minimum search distances for the purposes of identifying potential sources of any migrating hazardous substances or petroleum products; and,
- Review of the Property's proximity to ecologically sensitive areas or media (i.e. parks, rivers, underlying ground water, etc.) using records and maps published by the Federal United States Geological Survey (USGS) along with neighborhood reconnaissance.

### **1.3 Significant Assumptions**

For the purpose of performing this Phase I ESA, CA RICH assumes that information provided to us by the Client, database search companies, historical records, interviews, etc. is accurate. Our findings and conclusions regarding the potential environmental impact of nearby, off-site buildings or adjoining property facilities upon the subject Property are based upon readily available information from review of the environmental databases and observable conditions at the time of inspection by the EP. Any further, more detailed review or interpretation of a specific file or record is beyond the standard Phase I scope of work approved at this time.

Further, the Environmental Professional investigator(s) cannot be held responsible for either innocent or intentional misrepresentations, inaccurate statements, claims made, or information furnished to CA RICH regarding the environmental integrity of this Property.

### **1.4 Limitations and Exceptions**

CA RICH performed this Phase I ESA of the subject Property in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry as set forth in ASTM E1527-05. An environmental lien search was not included as part of this Phase I Report. CA RICH has included review of some non-ASTM issues for this assessment including asbestos, lead-based paint, and radon gas; otherwise there have been no intentional deviations or deletions from this practice in the performance of this assessment. The assessment included a visual (observable) inspection of representative areas of the Property, the examination of readily ascertainable and practically reviewable public records concerning the current and prior use of the Property, recorded environmental conditions, and further discussions with responsible and knowledgeable parties associated with the Property.

The findings, conclusions and professional opinion set forth in this environmental report are based upon the limited information available to CA RICH during this assessment period. If new information becomes available concerning the Property or the future property and its environs relative to existing or future intended land use after the date of this report, the findings and conclusions contained herein may be subject to modification. While this assessment was performed in accordance with good commercial and customary practice and generally accepted protocols within the environmental consulting industry, CA RICH cannot guarantee that the Property is completely free of hazardous substances or other materials or conditions that could subject the Owner(s) to potential liabilities. The presence or absence of any such condition may only be revealed or confirmed through the sample collection and analysis of any stored or suspect residual liquids, gels, or solid waste materials, chemicals, miscellaneous hazards, residues, biologicals, odors, soot, refuse, building materials, underlying fill, fluids, or soils, soil vapors, ground water, and/or surface water etc.

Subsurface conditions were not field-investigated and were outside the scope of this Phase I ESA and therefore, may differ from the conditions implied by records review and/or surficial observations. Building contamination, waste emplacement, lead-based paint, asbestos, fill, and soil or groundwater contamination would be disclosed to CA RICH only by surficial indications, interviews, or available regulatory records. In the absence of such information, these possible conditions may only be revealed through further specific media testing or sampling and testing methodologies all of which are beyond the scope of this 'Phase I' assessment, with exceptions as reported herein.

Because there are limitations to the amount of time and resources expended at this level of an initial Phase I Assessment, CA RICH cannot guarantee that all existing and pertinent Property information was reviewed. There may remain data gaps and/or additional relevant information not discovered through the standard level of all appropriate inquiry employed at this time. However, we do acknowledge that to the best of our belief, the readily ascertainable information we have supplied is true, complete and correct, and that facts or figures that may have an adverse effect

upon the validity of the findings and professional opinion provided herein have not purposely been omitted.

CA RICH has no interest other than professional in this Environmental Site Assessment and neither its performance, nor compensation for same, is contingent upon the findings and/or opinion or recommendation(s), if any, represented herein. Any litigation matters that may pertain to the Property are not discussed and this Report is not a legal opinion.

### **1.5 User Reliance**

This Report is intended for the sole use of The DOE Fund. It may not be used or relied upon by any other party, or third party, without the written consent of CA RICH. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, future occupants, future prospective purchasers, and/or altered land usage, or altered future land usage, and the use or re-use of this document or the findings, professional opinion, or aforementioned recommendations provided herein is at the risk of said user.

## **2.0 PROPERTY DESCRIPTION**

### **2.1 Location and Legal Description**

The subject Property is located at 1345, 1351, & 1357 Rogers Avenue and 562 East 28<sup>th</sup> Street in Brooklyn, New York (Block: 5229; Lots 11, 15, 17, and 54). A Site Location Map is presented in Figure 1.

### **2.2 Description of Property**

The Property is located on the east side of Rogers avenue between Farragut Road and Foster Avenue. The Property consists of two two-story dwellings, two vacant lots, and several one-story automobile garages. The first dwelling is a two-story walk up with a basement. The second dwelling is unoccupied due to its structural integrity. The remaining portion of the Property contains several one-story garages and asphalt paved vacant lots.

The occupied two-story building is currently heated by natural gas and is serviced with public sewers and municipal water.

### **2.3 Description of Surrounding Area**

The Property is located in a developed area consisting of a mixed-use of residential and commercial buildings.

### **2.4 Current Uses of the Property**

The Property consists of two two-story dwellings, two vacant lots, and several one-story automobile garages. The first dwelling is a two-story walk up with a basement. The second dwelling is unoccupied due to its structural integrity. The remaining portion of the Property contains several one-story garages and asphalt paved vacant lots.

## **2.5 Current Uses of Adjoining Properties**

Adjoining properties include the following:

- North: Two-story residential building
- South: Two-story building occupied by NYC Fire Department
- East: Two-story residential buildings
- West: Two-story commercial buildings

## **2.6 Site Geology & Hydrogeology**

According to maps and reports published by the United States Geological Survey (USGS) (Ref. 1), the Property is underlain by unconsolidated Cretaceous age deposits composed of interbedded layers of silt, sand, and gravel at an elevation of approximately 24 feet above mean sea level.

No site-specific hydrogeological information is available concerning groundwater depth and flow direction. The actual soil type, depth to groundwater and flow direction can only be obtained through a site-specific hydrogeological study including the physical installation of soil borings and wells, which is beyond the scope of this Phase I ESA.

The Property is relatively flat and has no natural or artificial surface water bodies or impoundments. Water from rain events runs off into street storm drains.

## **3.0 USER-PROVIDED INFORMATION**

ASTM E 1527-05 defines the "User" as: "*the party seeking to use practice E 1527-05 to complete an environmental site assessment of the property*". The user is responsible for providing certain information (if available) to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

### **3.1 Title Records**

Title records were not provided by the User. This is considered a data gap. However, this data gap is not considered to have a significant impact on the findings of this assessment.

### **3.2 Environmental Liens**

An environmental lien search was not provided by the User. This is considered a data gap. However, this data gap is not considered to have a significant impact on the findings of this assessment.

### **3.3 Specialized Knowledge**

The User did not provide CA RICH with specialized knowledge of the Property.

### **3.4 Commonly Known or Reasonably Ascertainable Information**

The User did provide CA RICH with commonly known or reasonably ascertainable information about the subject Property. The user provided the following historical report for the Property:

- 1) Pre-Development Study; Metropolitan Valuation Services; December 14, 2012 (Ref. 2).

The 2012 Pre-Development Study concluded that the subject Property is considered to be fully capable of supporting a variety of prospective uses assuming development to its highest and best use.

### **3.5 Valuation Reduction for Environmental Issues**

A valuation reduction for environmental issues was not provided by the User and is not included as part of this Phase I ESA. According to ASTM E1527-2005 this is considered a data gap; however, this data gap is not considered to have a significant impact on the findings of this assessment.

### **3.6 Owner, Property Manager, and Occupant Information**

Access to the Property was provided by Kevin Johnson of Crystal Ball, LLC. Mr. Johnson informed CA RICH that the existing two-story dwelling is connected to gas.

### **3.7 Reason for Performing Phase I**

The purpose of performing this Phase I ESA is to satisfy the environmental due diligence requirements for the acquisition of the Property by the User in anticipation of its redevelopment into residential use.

## **4.0 SITE RECONNAISSANCE**

### **4.1 General**

The Property is located on the east side of Rogers Avenue between Farragut Road and Foster Avenue. The Property consists of two two-story dwellings, two vacant lots, and several one-story automobile garages. The first dwelling is a two-story walk up with a basement. The second dwelling is unoccupied due to its structural integrity. The remaining portion of the Property contains several one-story garages and asphalt paved vacant lots.

The occupied two-story building is currently heated by natural gas and is serviced with public sewers and municipal water. Selected photographs illustrating our Site inspection observations are included in Appendix A.

### **4.2 Methodology and Limiting Conditions**

The inspection on December 28, 2012 began with a walkthrough inspection of the interior of the Property, followed by walking the perimeter of the Property.

### **4.3 Interview Information**

Jessica Proscia, Environmental Professional, of CA RICH conducted the inspection and obtained information regarding the Property. Access to the Property was provided by Kevin Johnson of Crystal Ball, LLC. Mr. Johnson informed CA RICH that all units in one of the two-story dwellings are currently occupied.

#### **4.4 Exterior Observations**

The exterior of the structures on the Site are constructed of brick and cinderblock. The remaining undeveloped portions of the Property contain asphalt paved lots. The Site can be accessed via Rogers Avenue and East 28<sup>th</sup> Street.

The Property is surrounded by a concrete paved sidewalk to the east along Rogers Avenue and to the west along East 28<sup>th</sup> Street.

#### **4.5 Interior Observations**

The interior of the two-story walk-up dwelling is improved with carpet, tile and concrete floors, and sheetrock walls and ceilings. The dwelling contains two apartments (one on each floor). At the time of the inspection both apartments were occupied. The dwelling also has a basement, which can be accessed through the rear of the building or from the first floor apartment. The basement contains an active natural gas fired boiler as well as natural gas and electric meters. The remaining portions of the basement are currently being used for storage.

A second two-story dwelling was also observed on the Site. The first floor walls of the structure appeared to be missing. The dwelling is unoccupied due to its structural integrity. Several stand-alone automobile garages were also observed on the Site. The garages are currently filled with various domestic debris. The remaining portions of the Property were observed to be undeveloped asphalt paved lots.

#### **4.6 Storage Tanks**

Storage tanks, both aboveground and underground, are often used for storing fuel, waste oils, solvents, and other waste and/or potentially hazardous materials. The principal concern from storage tanks is leakage of contents due to corrosion of the tank or associated lines. The leakage may result in migration of the stored material onto the subject and/or neighboring properties via soil migration or underlying shallow groundwater flow. In general, soil and groundwater contaminated by leaks from on-site storage tanks may constitute an environmental or health hazard.

No fill ports or vent pipes were observed at the time of our inspection.

#### **4.7 Toxic / Hazardous Materials**

No toxic or hazardous materials were being stored at the Property at the time of our inspection.

#### **4.8 Proximity to Environmentally Hazardous and/or Sensitive Areas**

The Property is situated within a residentially developed area of Brooklyn, New York. The computerized database records (Appendix B) report approximately 175 sites in the categories of government reported sites located in proximity to the Property in accordance with ASTM E 1527-05 minimum search distances. Any locatable sites have been mapped on the radius search maps included in Appendix B and are discussed in further detail in Section 6.0 of this Report.

There are no surface bodies of water onsite or within approximately ½ - mile from the Property. There are no Federal Wetlands mapped within ½ -mile of the Property. The Property is not located within a FEMA 100 or 500 Year Flood Zone. Public water is supplied to the Property and there is no on-site use of the shallow water beneath the Property.

**5.0 HISTORICAL LAND USE PRACTICES**

In order to further determine the past land use and the Property's developed use, available historical aerial photographs, historical topographic maps, Sanborn® maps, and Local Directory records were reviewed.

**5.1 Aerial Photography**

The following table summarizes the findings of our review of historical aerial photographs.

<b>Year</b>	<b>Description and Comments</b>
1924	The subject Property contains multiple structures; however due to the quality of this aerial photos the detail is too limited to determine the exact number of structures.
1954	The subject Property and surrounding areas appear similar to 1943.
1966	The aerial photo is not legible.
1975	The subject Property contains multiple structures; however due to the quality of the photo, the detail is too limited to determine the exact number of structures. It appears that the southern portion of the Property may now be undeveloped.
1984	The subject Property and surrounding area appears similar to 1975.
1994	The aerial photo is not legible.
2006	The subject Property and surrounding area appears similar to 1984; however the center portion of the Property now appears undeveloped.

Review of historical aerial photographs revealed that the Property was developed with structures in 1924. The 1975 photograph clearly shows structures located on the northern and center portion of the Property with an undeveloped portion in the southern portion. The 2006 photograph shows relatively little change since 1975; however, the center portion of the property now appears undeveloped. Copies of the aerial photographs reviewed for this Report are attached as Appendix C.

## 5.2 Topography

Topographic map coverage of the Property exists for the years 1900, 1947, 1956, 1967, 1979 and 1995. The following table summarizes the findings of the topographic map review.

Year	Description and Comments
1900	The subject Property is located in an area that is denoted as densely populated.
1947	The subject Property location can be identified and is located in an area that is denoted as densely populated. The areas surrounding the Property are developed with roads and structures.
1956	The subject Property appears similar to 1947.
1967	The subject Property appears similar to 1956.
1979	The subject Property appears similar to 1967.
1995	The subject Property appears similar to 1979.

Review of the historical topographic maps indicated that the Property has been located in a developed, densely populated area of Brooklyn since 1900. A copy of each topographic map is attached to this report as Appendix C.

## 5.3 Sanborn Fire Insurance Mapping

Microfilm collections of fire insurance maps available through the Library of Congress, University Publications of America, and various public local sources were searched for local area coverage. Sanborn Maps are detailed maps that show the lot configuration and improvements and may contain information regarding historical ownership; land use, and hazardous or regulated materials storage.

The following table summarizes the findings of the Sanborn Map review.

Year	Description and Comments
1907	The subject Property contains four one-story structures, two two-story dwellings, a one-story carpenter shop and a two-story carpenter shop. The surrounding area is developed with dwellings and a fire department.
1930, 1950	The subject Property contains 20 one-story automobile garages, two two-story dwellings, a one-story store, and a one-story carpenter shop. There is a gasoline tank at 1345 Rogers Avenue. The surrounding area is developed with dwellings, a fire department, a theater, and stores.
1968, 1969, 1977, 1979-1981, 1983, 1987-1990, 1992, 1993, 1995, 1996, 2001-2007	The subject Property contains 16 one-story automobile garages, one two-story dwelling and a one-story store. There is a gasoline tank at 1345 Rogers Avenue. The surrounding area is developed with dwellings, a fire department, a YMCA, and stores.

Review of the Sanborn Maps showed that the Property is first developed with four one-story structures, two two-story dwellings, an one-story carpenter shop and a two-story carpenter shop in 1907. By 1930, the subject Property contains 20 one-story automobile garages, two two-story dwellings, an one-story store, and an one-story carpenter shop. By 1968, the Property only

contains 16 one-story automobile garages, one two-story dwelling and an one-story store. A copy of the Sanborn Maps is attached to this report as Appendix C.

#### **5.4 Local Directory**

CA RICH conducted a review of available Local Directory records for the subject Property for the years 1928 through 2012. According to the database, the Property was occupied by various commercial properties and residences. It is important to note, the 1345 Rogers Avenue was identified as Deyoreo Benj Pres-Treas Flatbush Auto Service Co Inc. in 1934. The surrounding properties were identified as commercial and residential. A copy of the City Directory Abstract is attached as Appendix D.

### **6.0 ENVIRONMENTAL RECORDS REVIEW**

This Section discusses database records maintained by Federal, State and local environmental agencies for the Property and for sites located within an approximate minimum search distance. Available information was compiled from computerized database sources of regulatory agency records. The purpose of this database records review is to help assess the likelihood of problems from migrating hazardous substances or petroleum products. The minimum search distances are specified within ASTM Practice E 1527-05.

The database searches were conducted by EDR at the request of CA RICH on December 27, 2012 (Inquiry Number: 3483616). The existence of an actual toxic hazard at a specific site can be concluded only 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.

The resulting database information is briefly summarized below. Complete copies of the database report and radius maps are included in Appendix B. Additional site-specific information was requested elsewhere by CA RICH under the provisions of the Freedom of Information Law (FOIL).

6.1 Federal

The number of ASTM federally listed database sites identified in proximity to the Property is tabulated below. The search categories and database review findings are discussed in greater detail below the summary table.

Federal ASTM Database Search Category	Approx. Minimum Search Distance	Subject Property	Total Sites Plotted
EPA National Priority List Sites (NPL)	1.0 mile	Not identified	0
EPA DELISTED NPL	1.0 mile	Not identified	0
EPA CERCLIS Sites	0.50 mile	Not identified	0
EPA CERCLIS-NFRAP	0.50 mile	Not identified	0
CORRACTS	1.0 mile	Not identified	0
RCRIS-TSD	0.50 mile	Not identified	0
RCRIS Lg. Quan. Gen.	0.250 mile	Not identified	0
RCRIS Sm. Quan. Gen.	0.250 mile	Not Identified	1
RCRA-CESQG	0.250 mile	Not Identified	3
ERNS	TP	Not identified	0
FINDS	TP	Not identified	0
CONSENT	1.0 mile	Not identified	0
ROD	1.0 mile	Not identified	0
US ENG CONTROLS	0.50 mile	Not identified	0
US INST ENG CONTROL	0.50 mile	Not identified	0

◆ **EPA Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS), National Priorities List (NPL)**

The CERCLIS list is a compilation by the USEPA of sites that the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), commonly known as the Superfund Act.

Once sites are designated on the CERCLIS list, the USEPA uses its Hazard Ranking System to determine potential risks to human health and the environment. Those CERCLIS sites that present the greatest risk are placed on the National Priority List (NPL), which qualifies the sites to receive remedial funding.

The subject Property was not identified as a CERCLIS or NPL site and there are no CERCLIS or NPL sites located within the approximate search radius from the Property.

◆ **Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP)**

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

The subject Property is not identified as a CERCLIS-NFRAP site and there are no CERCLIS-NFRAP sites located within the approximate search radius from the Property.

◆ **Delisted National Priority List (Delisted NPL)**

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

The subject Property does not appear as a Delisted NPL site and there are no Delisted NPL sites located within the approximate search radius from the Property.

◆ **Corrective Action Activity (CORRACTS)**

CORRACTS is a list of handlers with RCRA Corrective Action Activity. It reports which nationally defined corrective action core events have occurred for every handler that has had a corrective action activity.

The subject Property is not identified as a CORRACTS site and there are no CORRACTS sites located within the approximate search radius from the Property.

◆ **Resource Conservation and Recovery Act (RCRA) (RCRIS-TSD)  
Large and Small Quantity Generators (LQG/SQG)  
Conditionally Exempt Small Quantity Generators (CESQGs)**

RCRA was enacted to regulate facilities that generate, store, transport, or dispose of hazardous waste. These facilities must file notification forms with the EPA, which maintain the records in the RCRA Information System (RCRIS) Notifiers database. Inclusion on the RCRIS list does not signify contamination or mishandling of hazardous materials by hazardous waste Notifiers. RCRIS-listed sites are not indicative of an environmental concern unless an actual hazard is known to exist. The database includes selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

The subject Property is not listed as a LQG/SQG. There are no LQG sites listed within the approximate search radius from the Property. There is one SQG site listed within the approximate search radius from the Property. This site is listed as NYCT-Nostrand Substation. This property does not contain violations, and therefore, is not expected to have a negative impact on the subject Property.

The subject Property is not listed as a RCRA-CESQG. There are three RCRA-CESQG sites listed within the approximate search radius from the Property. These sites are identified as Courtesy Cleaners, SOS French Cleaners, and Farragut Cleaners, Inc., in which all cleaners do not generate more than 100kg of chemical wastes per month. According to the database, none of these properties contain violations and therefore, are not expected to have a negative impact on the subject Property.

◆ **Emergency Response Notification System (ERNS)**

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. Pursuant to the ASTM Practice E 1527-05, the ERNS database is searched only for the subject Property.

The subject Property is not identified in the U.S. EPA ERNS database.

◆ **Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)**

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

The subject Property is not identified in the U.S. EPA FINDS database.

◆ **Records of Decision (ROD)**

ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid cleanup.

No RODs are documented for the subject Property and there are no ROD sites located within the approximate search radius from the Property.

◆ **US Engineering (ENG) Controls**

The US Engineering Controls Site List is a listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

There are no documented Engineering Controls listed for the subject Property.

◆ **US Institutional (INST) Controls**

The US Institutional Controls List is a listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

There are no documented Institutional Controls listed for the subject Property.

**6.2 State and Tribal**

The numbers of state-listed database sites identified in proximity to the Property are tabulated below. The search categories and database review findings are discussed in greater detail below the summary table.

State ASTM Database Search Category	Approx. Minimum Search Distance	Subject Property	Total Sites Plotted
E Designation	0.125 mile	Identified	11
NYS Inactive Hazardous Waste Sites (SHWS)	1.0 mile	Not identified	0
NYS Solid Waste Disposal Sites or Landfills (SWF/LF)	0.50 mile	Not identified	0
NYS Leaking Underground Storage Tanks (LTANKS)	0.50 mile	Not identified	37
NYS HIST LTANKS	0.50 miles	Not identified	28
NYS Registered Storage Tank (UST)	0.250 mile	Not identified	9
NYS Chemical Bulk Storage Facilities (CBS UST)	0.250 mile	Not identified	0
NYS Major Oil Storage Facilities (MOSF UST)	0.50 mile	Not identified	0
NYS Hazardous Substance Waste Disposal Sites (HSWDS)	0.50 mile	Not identified	0
NYS Registered Storage Tank (AST)	0.250 mile	Not Identified	38
NYS Chemical Bulk Storage Facilities (CBS AST)	0.250 mile	Not identified	0
NYS Major Oil Storage Facilities (MOSF AST)	0.50 mile	Not identified	0
NY Spills (NY SPILLS)	0.125 mile	Not Identified	2
NY Hist SPILLS	0.125 mile	Not identified	0
ENG Controls	0.50 mile	Not identified	0
INST Control	0.50 mile	Not identified	1

◆ **E Designation**

Lots designated with an "E" on the Zoning Maps of the City of New York contain the potential for hazardous material contamination, air and/or noise quality impacts.

1345, 1351, and 1357 Rogers Avenue appear on the E-Designation Database for hazardous materials and air. As the E-designation indicates the potential for hazardous materials contamination, a subsurface investigation should be performed in accordance with NYCOER's requirements.

There are 11 E-designation sites identified within the approximate search radius from the Property. The existence of these sites is not expected to have a direct negative impact on the subject Property.

◆ **New York State Inactive Hazardous Waste Sites (SHWS)**

NYSDEC publishes an annual directory of Inactive Hazardous Waste Disposal Sites currently being investigated or requiring investigation. Sites are assigned a Classification number from 1 to 5. Class 1 sites are believed to be an imminent danger to the public health or environment and Class 5 sites have been properly closed and require no further action.

The subject Property does not appear as a NYS-Inactive Hazardous Waste Site. There are no documented NYS-Inactive Hazardous Waste Sites reported within the approximate search radius from the Property.

◆ **New York State Landfills**

State landfill records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

The subject Property is not identified as a solid waste disposal facility or landfill. There are no solid waste handling facilities located within the search radius of the Property.

◆ **New York State LUST Sites (LTANKS), Historical (HIST LTANKS), Spills (SPILLS), and Hist SPILLS**

The Leaking Storage Tank Incident Reports contain an inventory of reported leaking storage tank reported from 4/1/86 through the most recent update. Causes of the incidents include tank test failures, tank failures and tank overfills or releases determined during the removal of USTs that have leaked.

The subject Property is not identified on the LTANKS, HIST LTANKS, NY SPILLS, and NY HIST SPILLS lists.

There are 37 LTANKS, 28 HIST LTANKS, two SPILLS, and no Historical Spills identified within the approximate search radius from the Property. These LTANKS and SPILLS sites identified have been closed out to the satisfaction of the New York State Department of Environmental Conservation.

◆ **New York State Registered Storage Tank List (UST/AST)**

New York State requires the registration of all bulk petroleum storage tank facilities with a combined storage capacity that is greater than 1,100 gallons and less than 400,000 gallons.

The subject Property is not identified on the UST/AST lists. There are approximately nine UST and 38 AST sites located within the approximate search radius of the subject Property. The existence of these sites is not expected to have a direct negative impact on the subject Property.

◆ **New York State Chemical Bulk Storage Facilities (CBS UST/AST)**

New York State requires the registration of all facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185-gallons or greater, and/or in underground tanks of any size. The presence of Chemical Bulk Storage facilities does not indicate an area of environmental concern unless the tanks have leaked product into the subsurface.

The subject Property is not identified as a CBS UST/AST site. There are no documented CBS UST/AST sites reported within the approximate search radius from the Property

◆ **New York State Major Oil Storage Facilities (MOSF UST/AST)**

These are facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

The subject Property is not identified on the MOSF UST/AST list. There are no documented MOSF UST/AST sites reported within the approximate search radius from the Property.

◆ **New York State Hazardous Substance Waste Disposal Sites (HSWDS)**

The Hazardous Substance Waste Disposal Site Inventory includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites which the U.S. EPA Preliminary Assessment reports or Site Investigation reports were prepared.

The subject Property is not identified as a HSWDS site. There are no documented HSWDS sites reported within the approximate search radius from the Property.

◆ **Engineering (ENG) Controls**

The Engineering Controls Site List is a listing of sites with engineering controls in place.

No Engineering Controls are listed for the subject Property. There are no documented Engineering Controls reported within the approximate search radius from the Property.

◆ **Institutional (INST) Controls**

The Institutional Controls List is a listing of sites with institutional controls in place.

No Institutional Controls are listed for the subject Property. There is one site with a documented Institutional Control reported within the approximate search radius from the Property. This site is identified as Federal Express Corp. The control restricts the site to restricted residential usage. There are no known human exposure pathways for chemicals in the on-site subsurface soil and although groundwater is contaminated, public water serves the surrounding community. Based on the site's location the presence of this site is not expected to have a negative impact on the subject Property.

◆ **Orphan Sites**

The Federal and State database records search also revealed the presence of 20 sites that were not mapped. These sites are listed in the Executive Summary on page 14 of Appendix C. Based on the limited information reviewed for this report, there is no indication that these Orphan Sites represent a significant environmental liability to the subject Property.

**6.3 Local**

**New York State Department of Environmental Conservation (NYSDEC)**

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the NYSDEC records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. The FOIL request was submitted on January 3, 2013. As of the date of this report, CA RICH has not received a response from the NYSDEC. A copy of the FOIL request is included in Appendix C.

**New York City Department of Health (NYCDOH)**

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York City Department of Health (NYCDOH) records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. As of the date of this report CA RICH has not received a response from the Department. A copy of the FOIL request is included in Appendix C.

**New York City Department of Environmental Protection (NYCDEP)**

CA RICH requested a site-specific search via the Freedom of Information Law (FOIL) of the New York City Department of Environmental Protection (NYCDEP) records for information regarding bulk storage tanks, violations, spills, leaks, inspections, and solid waste. As of the date of this report CA RICH has not received a response from the Department. A copy of the FOIL request is included in Appendix C.

**New York City Fire Department (NYCFD)**

CA RICH requested a site-specific search via the Freedom of Information Law of the New York City Fire Department records for information regarding storage tanks. As of the date of this report, CA RICH has not received a response from the Department. A copy of the FOIL request is included in Appendix C.

**New York City Department of Buildings (NYCDOB)**

CA RICH conducted a search of the New York City Department of Buildings (NYCDOB) building information search database for:

**Block: 5229; Lot: 11**

The database search lists this lot as a garage/gas station (G7). One CO is listed in the database for this address. The November 1964 CO lists the lot as a parking lot and a temporary frame shed.

There are two active open NYCDOB violations listed for this lot pertaining to construction. Numerous actions, including building alterations and demolition were listed in the database. This lot is also listed as little "E" restricted for HAZMAT and air. The presence of a little "E" restriction is considered a REC and will be further discussed in Section 8.0 of this report.

**Block: 5229; Lot: 15**

The database search lists this lot as a garage/gas station (G2). No COs were listed in the database for this lot.

There are no active open NYCDOB violations or actions listed for this lot. This lot is listed as little "E" restricted for HAZMAT and air. The presence of a little "E" restriction is considered a REC and will be further discussed in Section 8.0 of this report.

**Block: 5229; Lot: 17**

The database search lists this lot as a family dwelling (B1-2). No COs were listed in the database for this lot.

There are no active open NYCDOB violations or actions listed for this lot. This lot is listed as little "E" restricted for HAZMAT and air. The presence of a little "E" restriction is considered a REC and will be further discussed in Section 8.0 of this report.

**Block: 5229; Lot: 54**

The database search lists this lot as a garage/gas station (G7). No COs were listed in the database for this lot.

There is one active open NYCDOB violation listed for this lot pertaining to work without a permit. One action also pertaining to work without a permit was listed in the database. Copies of the NYCDOB records are attached in Appendix C.

**New York City Department of Finance (NYCDOF)**

CA RICH conducted a search of the New York City Department of Finance (NYCDOF) ACRIS database for the subject Property.

**Block: 5229; Lot: 11**

According to the database, title was transferred from 1460 Flatbush Ave Corp to Robert F Smith on April 27, 1984; from Robert F Smith to 1460 Flatbush Avenue LLC on May 23, 1996; and, from 1460 Flatbush Avenue LLC to Crystal Ball, LLC on March 9, 2009. Copies of records are included in Appendix C.

**Block: 5229; Lot: 15**

According to the database, title was transferred from Benjamin Deyoreo to 1345 Rogers Ave Realty Corp on July 16, 1969; from 1345 Rogers Ave Realty Corp to Benjamin Deyoreo on September 11, 1974; from Louise Deyoreo to Benjamin M Deyoreo on January 19, 1977; from Joseph R/Ind De Yoreo to Puai LLC on January 21, 1999 and, from Puai LLC to Crystal Ball, LLC on February 4, 2010. Copies of records are included in Appendix C.

**Block: 5229; Lot: 17**

According to the database, title was transferred from Benjamin Deyoreo to 1345 Rogers Ave Realty Corp on July 16, 1969; from 1345 Rogers Ave Realty Corp to Benjamin Deyoreo on September 11, 1974; from Louise Deyoreo to Benjamin M Deyoreo on January 19, 1977; from Joseph R/Ind De Yoreo to Puai LLC on January 21, 1999; Puai LLC to Kevin Johnson on February 21, 2001; and, from Marcia Johnson to Crystall Ball, LLC on May 20, 2009. Copies of records are included in Appendix C.

**Block: 5229; Lot: 54**

According to the database, title was transferred from Benjamin Deyoreo to 1345 Rogers Ave Realty Corp on July 16, 1969; from 1345 Rogers Ave Realty Corp to Benjamin Deyoreo on September 11, 1974; from Louise Deyoreo to Benjamin M Deyoreo on January 19, 1977; from Joseph R/Ind De Yoreo to Puai LLC on January 21, 1999 and, from Puai LLC to Crystal Ball, LLC on February 4, 2010. Copies of records are included in Appendix C.

**New York City Searchable Property Environmental E-Database (SPEED)**

CA RICH conducted a search of the New York City searchable property environmental E-database. The SPEED database identified Block: 5229; Lots 11, 15, and 17 as E-Designated. Additionally, Block 5229; Lot 54 was not identified as being E-Designated.

## **7.0 ADDITIONAL SERVICES**

### **7.1 Asbestos**

Until the late 1970s, asbestos was used in, but not limited to, insulating materials, fire proofing, roofing, flooring, and decorative building materials. The U.S. EPA defines asbestos material as any material containing greater than 1-% asbestos by weight. Asbestos-containing materials (ACM), in a form which can crumble or be reduced to powder under hand pressure (friable), can release asbestos fibers which are proven to be carcinogenic and cause respiratory illness. The presence of asbestos in a building does not mean that the health of building occupants is necessarily endangered. As long as ACM remains in good condition and is not disturbed, exposure to asbestos fibers is unlikely.

Based on the age of the buildings, asbestos is likely present in some of the building materials especially in the lower layers of the tar roofing materials and pipe insulation. This is not considered a REC. However, since the building is slated to be demolished, an asbestos survey should be conducted prior to demolition.

### **7.2 Radon Gas**

Radon is a naturally occurring, invisible, odorless, carcinogenic gas that is generated by the decay of radioactive elements found in certain crystalline rock types or derivatives thereof. Inhalation of radon gas represents the principal exposure pathway. In outdoor air, radon is diluted to such low concentrations that it does not pose a health hazard. However, once inside an enclosed space such as basements, pipe chases, drains and foundation crawl spaces, radon gas may accumulate to dangerous concentrations. The New York State Department of Health and the United States Environmental Protection Agency use 4 pCi/L as a recommended action level for the lowest primary living area of the home. Confirmation of the presence or absence of radon gas is possible through testing.

Our review of geologic maps prepared by the United States Geological Survey and the findings of an EPA Residential Radon Survey (Appendix C, page A-45) indicated the Property is located in Zone 3, which indicates that the average indoor living area levels of radon are below the action level of 4 pCi/L. Therefore, the potential for naturally occurring radon gas contamination at the Property is unlikely.

### **7.4 Lead-Based Paint**

Research has shown that, when ingested, lead can cause permanent neurological problems and brain damage. Federal regulations were promulgated in 1978 that ban the sale of paint containing more than 0.06 percent lead by weight. Consequently, any paint known to contain lead in excess of 0.06 percent is considered to be lead-based.

Based on the age of the buildings, it is possible that lead may be present in covered layers of paint on the walls. As the building is slated for demolition, a lead-based paint survey and/or abatement should be conducted prior to demolition.

## 8.0 FINDINGS AND PROFESSIONAL OPINION

The information and findings presented herein are based upon the data acquired during the Property visit, and through pertinent information obtained from regulatory agencies, responsible persons knowledgeable about the Property, and other historical information sources. The subject Property is located at 1345, 1351 and 1357 Rogers Avenue and 562 East 28<sup>th</sup> Street in Brooklyn, New York (Block 5229; Lots 11, 15, 17, and 54). The Property is located in a long established commercial and residential area of Brooklyn, New York.

- *According to the NYCDOB and EDR databases, three of the four lots comprising the subject Property, Block: 5229; Lots: 11, 15 and 17 are "E" designated for hazardous materials and air.*

An "E" designation for hazardous materials and air are considered a *Recognized Environmental Condition* as it is an indication of the presence or potential presence of subsurface contamination. Therefore, as the Property is to be redeveloped, it is recommended that a subsurface investigation be performed in accordance with New York City Office of Environmental Remediation's (NYCOER) requirements.

- *Sanborn Maps from 1930 through 2007 identify a gasoline UST on Block: 5229; Lot 17.*

An UST with no records indicating its proper removal is considered a *Recognized Environmental Condition*. Therefore, it is recommended that a Phase II investigation including Ground Penetrating Radar be conducted to determine if an UST is present and if the UST has negatively impacted the subject Property.

- *According to the City Directory from 1934, the subject Property was identified as an auto repair facility.*

The historical usage of the subject Property as an auto repair facility is considered a *Recognized Environmental Condition* as it is an indication of the presence or potential presence of subsurface contamination. It is recommended that a Phase II investigation be performed to determine if the historical usage has had a negative impact on the subject Property.

- *There are two active NYCDOB violations associated with Lot 11 and one active NYCDOB violation associated with Lot 54.*

While NYCDOB violations are not considered *Recognized Environmental Conditions*, it is recommended that the violations be addressed with NYCDOB.

- *Based on the age of the structures, asbestos is likely present in some of the building materials especially in the lower layers of the tar roofing materials.*

There does not appear to be a significant health or environmental hazard related to any potential presence of ACM at this time and therefore, this finding is not considered a *Recognized Environmental Condition*. However, as the building is slated for demolition, it is recommended that an ACM survey be performed and appropriate measures be taken to protect the health and safety of building occupants or workers during activities that may disturb the ACM.

- *Based on the age of the structures, it is possible that lead may be present in covered layers of paint.*

There does not appear to be a significant health or environmental hazard related to any potential presence of lead based paint at this time and therefore, this finding is not considered a *Recognized Environmental Condition*. As the building is slated for redevelopment, it is recommended that a lead-based paint survey be performed and appropriate measures be taken

to protect the health and safety of building occupants or workers during activities that may disturb the paint.

## **9.0 CONCLUSIONS**

We have performed this Phase I Environmental Site Assessment in substantive conformance with the scope and limitations of ASTM Practice E 1527-05. The Limited Phase II Investigation has been conducted in accordance with good and customary practices acceptable to the environmental consulting industry. Based upon the information reviewed for this Phase I ESA, we have identified the following "Recognized Environmental Conditions" (RECs) in connection with the subject Property:

**REC-1** Block: 5229; Lots: 11, 15 and 17 are "E" designated for hazardous materials and air. As the Property is to be redeveloped, it is recommended that a Phase II investigation be performed in accordance with New York City Office of Environmental Remediation's (NYCOER's) requirements.

**REC-2** A gasoline underground storage tank (UST) is identified on Sanborn Maps from 1930 through 2007 on Block: 5229; Lot 17. As no records indicating the proper removal of this tank were provided, it is recommended that a Phase II investigation including Ground Penetrating Radar be conducted to determine if the UST is still present and has negatively impacted the Site.

**REC-3** According to the City Directory in 1934 the subject Property was identified as an auto repair facility. Therefore, It is recommended that a Phase II investigation be performed to determine if this historical usage has had a negative impact on the subject Property.

### **Other Issues:**

**OI-1** There are two active NYCDOB violations associated with Lot 11 and one active NYCDOB violation associated with Lot 54. While NYCDOB violations are not considered *Recognized Environmental Conditions*, it is recommended that the violations be addressed with NYCDOB.

**OI-2** Based on the age of the structures, asbestos is likely present in some of the building materials especially in the lower layers of the tar roofing materials. As the on-site structures are slated for demolition, it is recommended that an ACM survey be performed and appropriate measures be taken to protect the health and safety of building occupants or workers during activities that may disturb the ACM.

**OI-3** Based on the age of the structures, it is possible that lead may be present in covered layers of paint on the walls. As the on-site structures are slated for demolition, it is recommended that a lead based paint survey be performed and appropriate measures be taken to protect the health and safety of building occupants or workers during activities that may disturb the paint.

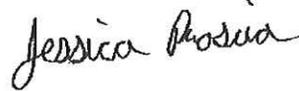
**OI-4** As the User of this Report plans to redevelop the Property into a residential building, the excavation and removal of on-site soils for foundation purposes will be required. If the results of the recommended Phase II Investigation indicate that the Property contains soil or fill materials that exceed NYSDEC standards or guidance values for contaminants, it is recommended that any material that is to be disturbed or excavated be properly handled and disposed of based upon the results of a waste characterization analysis and in accordance with applicable regulations.

**10.0 DECLARATIONS OF ENVIRONMENTAL PROFESSIONALS**

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

CA RICH CONSULTANTS, INC.



---

Jessica Proscia  
Environmental Professional  
Project Environmental Scientist

Reviewed By:



---

Deborah Shapiro  
Environmental Professional  
Senior Project Manager

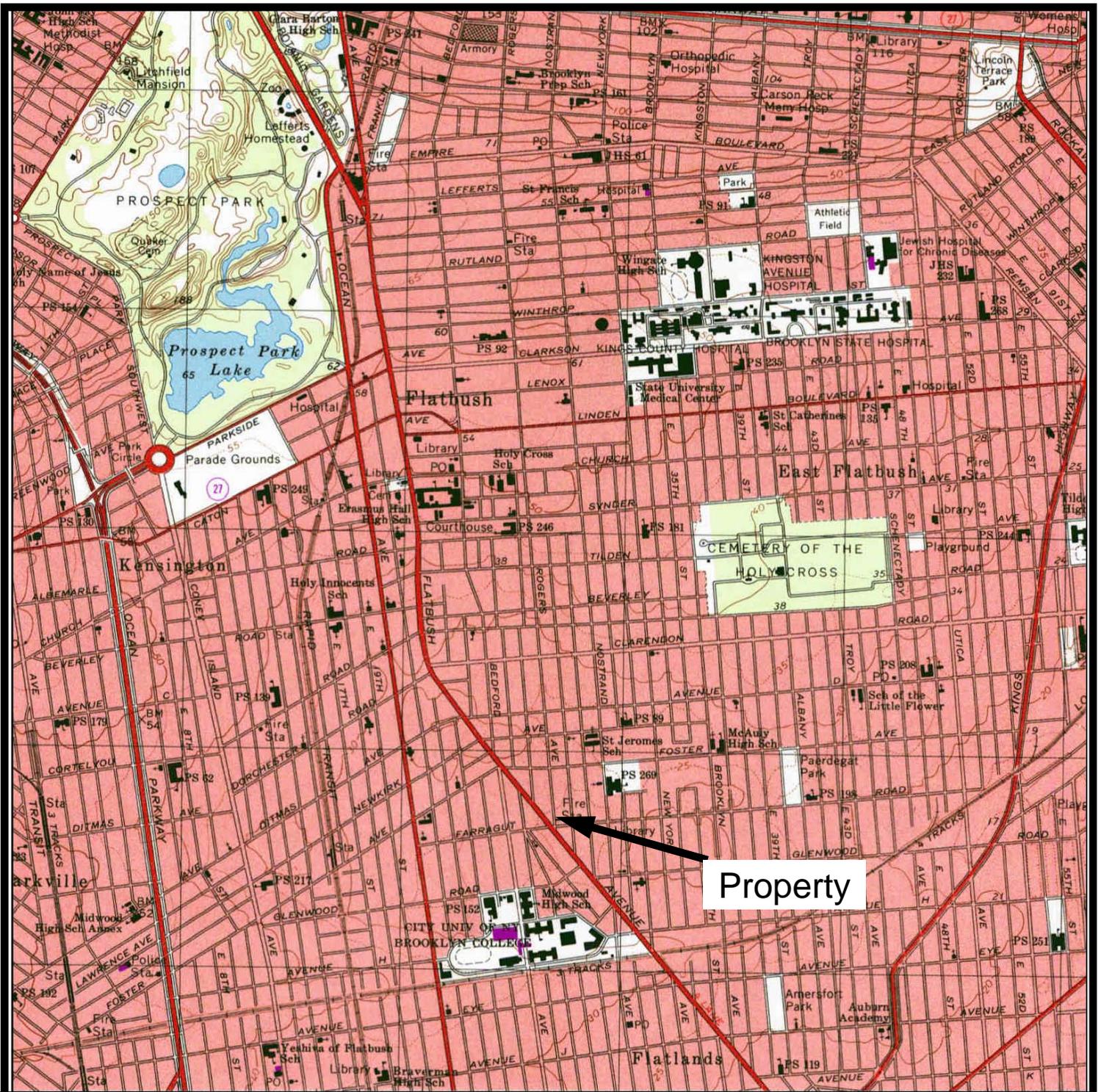
**11.0 REFERENCES**

- 1) USGS, 1998, Water Table and Potentiometric-Surface Altitudes of the Upper Glacial, Magothy, and Lloyd Aquifers on Long Island, New York, in March-April, 1997 with a Summary of Hydrogeologic Conditions.
- 2) Pre-Development Study; Metropolitan Valuation Services; December 2012.

---

**FIGURE**

---



Property

APPROX. SCALE (ft.)



N

Adapted from USGS 1995 Brooklyn Quadrangle Map.

**CA RICH CONSULTANTS, INC.**

Certified Ground Water and Environmental Specialists  
17 Dupont Street, Plainview, NY 11803

TITLE:	<b>PROPERTY LOCATION MAP</b>		DATE:	<b>1/7/13</b>
FIGURE:	<b>1</b>	<b>1345-57 Rogers Avenue Brooklyn, New York</b>	SCALE:	<b>AS SHOWN</b>
DRAWING:			DRAWN BY:	<b>JEP</b>
			APPR. BY:	<b>DS</b>

---

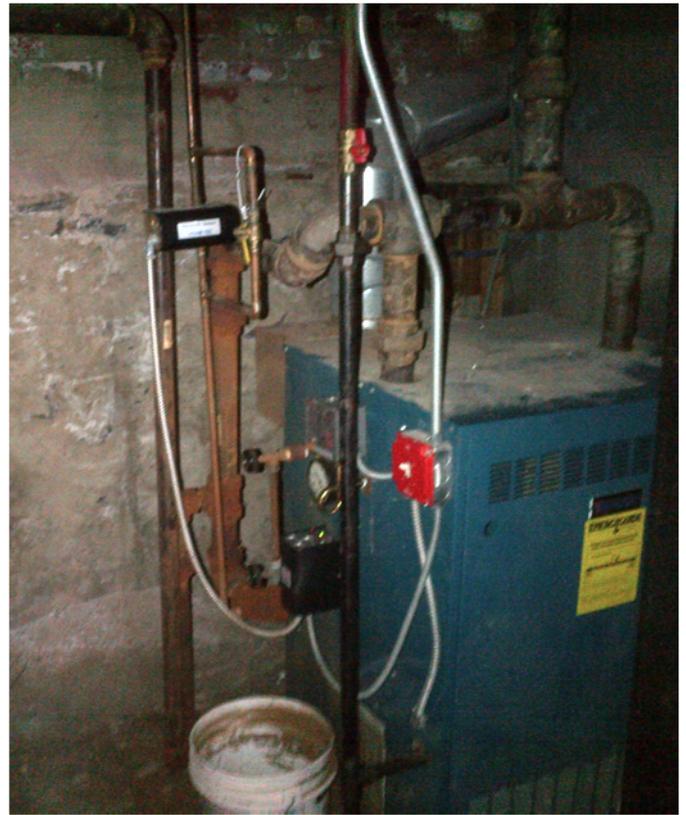
# **APPENDIX A**

## **Site Photographs**

---



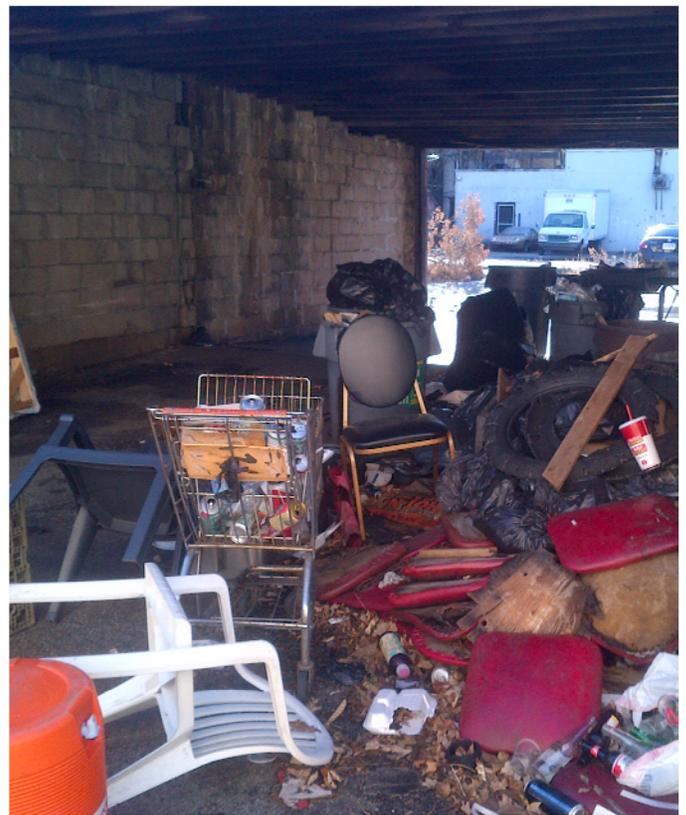
View of the occupied two-story dwelling.



View of the gas fired boiler in the occupied two-story dwelling's basement.



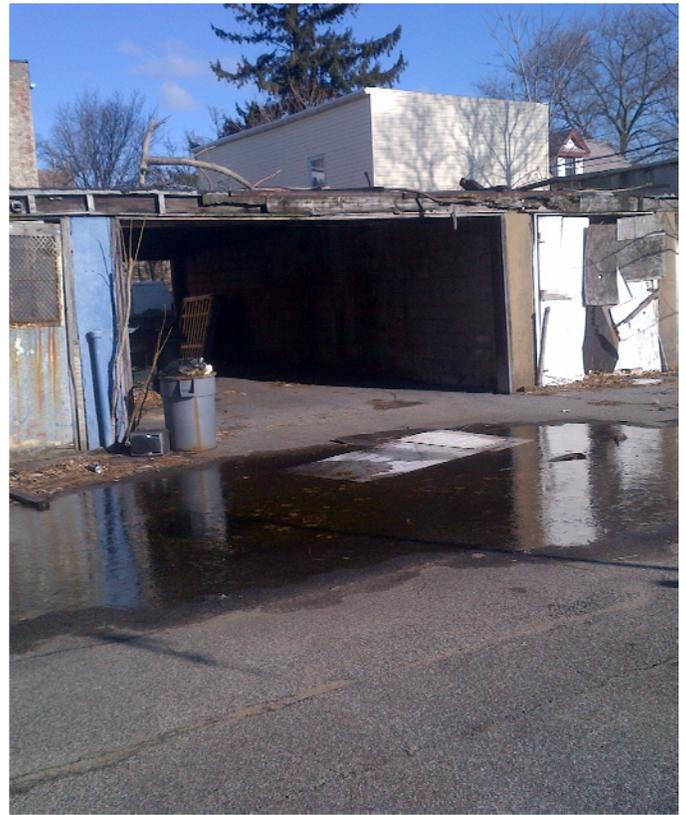
View of the vacant two-story dwelling.



View of the interior of a one-story garage.



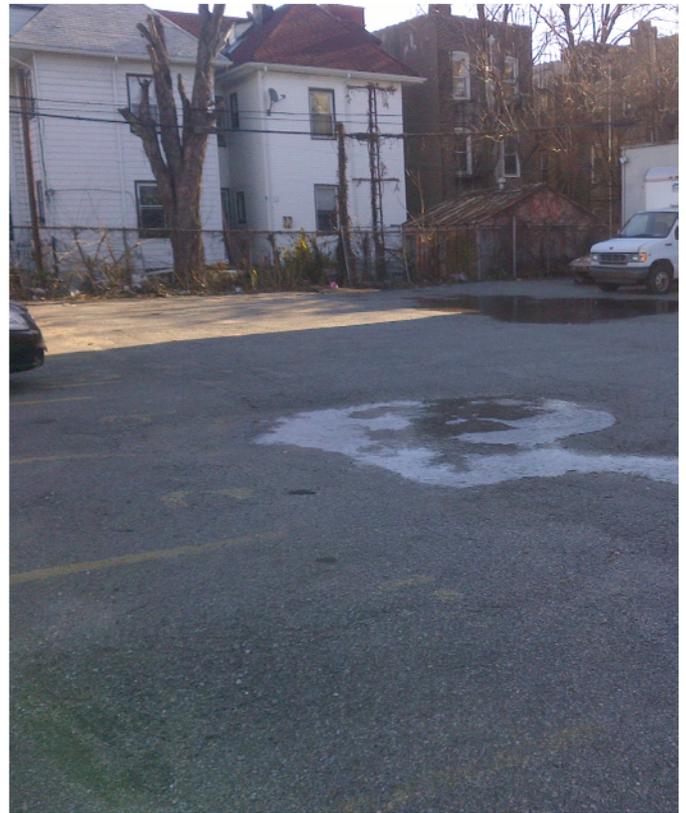
View of an undeveloped asphalt paved lot.



View of garage.



View of the subject Property.



View of an undeveloped asphalt paved lot.

---

# **APPENDIX B**

**Environmental Database  
(Electronic copy only)**

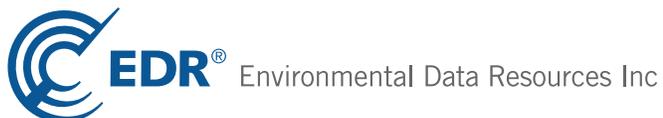
---

**1345-57 Rogers Avenue**

1345,51,57 Rogers Ave / 562 E 28th St.  
Brooklyn, NY 11210

Inquiry Number: 3483616.2s  
December 27, 2012

# The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	431
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-36

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

#### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

1345,51,57 ROGERS AVE / 562 E 28TH ST.  
BROOKLYN, NY 11210

#### COORDINATES

Latitude (North): 40.6372000 - 40° 38' 13.92"  
Longitude (West): 73.9510000 - 73° 57' 3.60"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 588707.6  
UTM Y (Meters): 4498801.5  
Elevation: 24 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F8 BROOKLYN, NY  
Most Recent Revision: 1995  
  
South Map: 40073-E8 CONEY ISLAND, NY NJ  
Most Recent Revision: 1995

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LOT 11,TAXBLOCK 5229 1357 ROGERS AVENUE BROOKLYN, NY 11210	E DESIGNATION	N/A
LOT 17,TAXBLOCK 5229 1345 ROGERS AVENUE BROOKLYN, NY 11210	E DESIGNATION	N/A
LOT 15,TAXBLOCK 5229 1351 ROGERS AVENUE BROOKLYN, NY 11210	E DESIGNATION	N/A

## EXECUTIVE SUMMARY

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

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

#### ***Federal CERCLIS NFRAP site List***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

#### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators

#### ***Federal institutional controls / engineering controls registries***

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

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

#### ***State- and tribal - equivalent CERCLIS***

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

## EXECUTIVE SUMMARY

VAPOR REOPENED..... Vapor Intrusion Legacy Site List

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

SWF/LF..... Facility Register

### **State and tribal leaking storage tank lists**

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

### **State and tribal registered storage tank lists**

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

### **State and tribal institutional control / engineering control registries**

ENG CONTROLS..... Registry of Engineering Controls  
RES DECL..... Restrictive Declarations Listing

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

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

#### **Local Lists of Hazardous waste / Contaminated Sites**

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

## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

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

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

LIENS..... Spill Liens Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

NY Hist Spills..... SPILLS Database

### **Other Ascertainable Records**

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

UMTRA..... Uranium Mill Tailings Sites

MINES..... Mines Master Index File

TRIS..... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS..... PCB Activity Database System

MLTS..... Material Licensing Tracking System

RADINFO..... Radiation Information Database

FINDS..... Facility Index System/Facility Registry System

RAATS..... RCRA Administrative Action Tracking System

HSWDS..... Hazardous Substance Waste Disposal Site Inventory

UIC..... Underground Injection Control Wells

NPDES..... State Pollutant Discharge Elimination System

AIRS..... Air Emissions Data

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR..... Financial Assurance Information

PRP..... Potentially Responsible Parties

COAL ASH..... Coal Ash Disposal Site Listing

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

2020 COR ACTION..... 2020 Corrective Action Program List

Financial Assurance..... Financial Assurance Information Listing

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

PCB TRANSFORMER..... PCB Transformer Registration Database

### **EDR PROPRIETARY RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

# EXECUTIVE SUMMARY

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal RCRA generators list***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2012 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NYCT - NOSTRAND SUBSTATION</i></b>	<b><i>1995 NOSTRAND AVE</i></b>	<b><i>E 1/8 - 1/4 (0.153 mi.)</i></b>	<b><i>41</i></b>	<b><i>106</i></b>

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>COURTESY CLEANERS</i></b>	<b><i>1250 FLATBUSH AVENUE</i></b>	<b><i>NW 1/8 - 1/4 (0.208 mi.)</i></b>	<b><i>77</i></b>	<b><i>222</i></b>
<b><i>SOS FRENCH CLEANERS</i></b>	<b><i>2814 GLENWOOD RD</i></b>	<b><i>SSE 1/8 - 1/4 (0.220 mi.)</i></b>	<b><i>Y85</i></b>	<b><i>254</i></b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>FARRAGUT CLEANERS INC</i></b>	<b><i>3007 FARRAGUT RD</i></b>	<b><i>ESE 1/8 - 1/4 (0.172 mi.)</i></b>	<b><i>P52</i></b>	<b><i>141</i></b>

## EXECUTIVE SUMMARY

### **State and tribal leaking storage tank lists**

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

A review of the LTANKS list, as provided by EDR, and dated 08/20/2012 has revealed that there are 37 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Date Closed: 3/11/2004	1358 FLATBUSH AVE	W 0 - 1/8 (0.073 mi.)	C11	39
<b>576 E. 29TH ST</b> Date Closed: 6/23/1994	<b>576 E. 29TH ST</b>	<b>ESE 0 - 1/8 (0.105 mi.)</b>	<b>G22</b>	<b>61</b>
1357 FLATBUSH AVE Date Closed: 4/27/2006	1357 FLATBUSH AVE	WNW 0 - 1/8 (0.112 mi.)	H25	67
<b>2900 NEWARK AVE.</b> Date Closed: 11/4/1993	<b>2900 NEWARK AVE.</b>	<b>NNE 1/8 - 1/4 (0.186 mi.)</b>	<b>T61</b>	<b>175</b>
<b>2513 NEW KIRK AVE.</b> Date Closed: 9/23/1992	<b>2513 NEW KIRK AVE</b>	<b>NNW 1/8 - 1/4 (0.205 mi.)</b>	<b>V73</b>	<b>207</b>
<b>2900 NEWKIRK AVE</b> Date Closed: 3/17/2006 Date Closed: 3/5/2003	<b>2900 NEWKIRK AVE.</b>	<b>NNE 1/8 - 1/4 (0.207 mi.)</b>	<b>T75</b>	<b>216</b>
<b>2325 FOSTER AVE</b> Date Closed: 9/30/1992	<b>2325 FOSTER AVENUE</b>	<b>WNW 1/8 - 1/4 (0.212 mi.)</b>	<b>U79</b>	<b>237</b>
<b>2325 FOSTER AVE</b> PRIVATE HOME Date Closed: 5/14/2007	<b>2325 FOSTER AVENUE</b> 551 EAST 23RD STREET	<b>WNW 1/8 - 1/4 (0.216 mi.)</b> W 1/8 - 1/4 (0.239 mi.)	<b>U81</b> 96	<b>243</b> 304
<b>Not reported</b> Date Closed: 3/20/2008	<b>515 EAST 23RD ST</b>	<b>W 1/8 - 1/4 (0.244 mi.)</b>	<b>98</b>	<b>309</b>
APT BUILDING Date Closed: 5/24/2006	490 E. 23RD STREET	WNW 1/4 - 1/2 (0.259 mi.)	100	314
585 EAST 32ND ST Date Closed: 6/2/2006	585 EAST 32ND ST	E 1/4 - 1/2 (0.261 mi.)	101	315
<b>2515 GLENWOOD RD/BKLYN</b> Date Closed: 12/8/2006	<b>2515 GLENWOOD ROAD</b>	<b>SSW 1/4 - 1/2 (0.278 mi.)</b>	<b>102</b>	<b>316</b>
<b>NOSTRAND AVE CORP.</b> Date Closed: 12/1/2000	<b>1833 NOSTRAND AVE</b>	<b>NNE 1/4 - 1/2 (0.299 mi.)</b>	<b>103</b>	<b>320</b>
<b>600 EAST 22ND ST/BKLYN</b> Date Closed: 2/16/1989	<b>600 EAST 22ND STREET</b>	<b>W 1/4 - 1/2 (0.302 mi.)</b>	<b>AA104</b>	<b>326</b>
<b>585 E. 22ND STREET</b> Date Closed: 9/2/1994	<b>585 E. 22ND STREET</b>	<b>W 1/4 - 1/2 (0.305 mi.)</b>	<b>AA105</b>	<b>328</b>
<b>DEPT OF SANITATION BROOKL</b> Date Closed: 11/16/2005	<b>106 AVE D</b>	<b>NW 1/4 - 1/2 (0.324 mi.)</b>	<b>106</b>	<b>331</b>
<b>1515 NEW YORK AVE</b> Date Closed: 3/10/1994	<b>1515 NEW YORK AVE</b>	<b>ESE 1/4 - 1/2 (0.327 mi.)</b>	<b>107</b>	<b>334</b>
<b>APT. BUILDING TTF</b> Date Closed: 11/9/2011	<b>2111 FOSTER AVE</b>	<b>W 1/4 - 1/2 (0.332 mi.)</b>	<b>108</b>	<b>336</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>720 E 31ST ST/BKLYN</b> Date Closed: 9/30/1992	<b>720 EAST 31ST STREET</b>	<b>SE 1/4 - 1/2 (0.338 mi.)</b>	<b>109</b>	<b>341</b>
<b>762 EAST 21TH STREET</b> Date Closed: 12/31/2002	<b>762 EAST 21TH STREET</b>	<b>WSW 1/4 - 1/2 (0.355 mi.)</b>	<b>112</b>	<b>348</b>
<b>APARTMENT COMPLEX</b> Date Closed: 8/4/2010	<b>745 EAST 31ST STREET</b>	<b>SE 1/4 - 1/2 (0.364 mi.)</b>	<b>113</b>	<b>350</b>
<b>720 EAST 32NS STREET</b> Date Closed: 10/2/1992	<b>720 EAST 32ND STREET</b>	<b>SE 1/4 - 1/2 (0.366 mi.)</b>	<b>114</b>	<b>353</b>
<b>BROOKLYN COLLEGE</b> Date Closed: 12/30/2003	<b>2900 BEDFORD AV</b>	<b>SSW 1/4 - 1/2 (0.372 mi.)</b>	<b>AB118</b>	<b>381</b>
<b>JEHOVAH WITNESS CHURCH</b> Date Closed: 12/4/1995	<b>1120 ROGERS AVE</b>	<b>N 1/4 - 1/2 (0.375 mi.)</b>	<b>119</b>	<b>401</b>
Not reported Date Closed: 3/23/2004	324 E. 29TH ST	N 1/4 - 1/2 (0.378 mi.)	120	404
<b>Not reported</b> Date Closed: 5/11/1999	<b>1045-1051 OCEAN AVE</b>	<b>W 1/4 - 1/2 (0.395 mi.)</b>	<b>121</b>	<b>405</b>
<b>810 EAST 220TH STREET/ BR</b> Date Closed: 3/3/2003	<b>810 EAST 220TH STREET</b>	<b>SW 1/4 - 1/2 (0.395 mi.)</b>	<b>122</b>	<b>408</b>
<b>ONE STOP PHOTO</b> Date Closed: 10/27/2003	<b>1583 FLATBUSH AVE</b>	<b>SSE 1/4 - 1/2 (0.401 mi.)</b>	<b>AC123</b>	<b>410</b>
2116 DITMAS AVENUE Date Closed: 3/13/2003	2116 DITMAS AVENUE	WNW 1/4 - 1/2 (0.402 mi.)	124	414
APARTMENT HOUSE Date Closed: 11/29/2004 Date Closed: 5/8/2002	777 E 31ST ST	SE 1/4 - 1/2 (0.404 mi.)	AC125	416
APT. BUIIDING Date Closed: 10/31/2011	985 OCEAN AVE	WNW 1/4 - 1/2 (0.417 mi.)	127	420
ADONIS RESIDENCE Date Closed: 10/30/2006	792 EAST 35TH STREET	ESE 1/4 - 1/2 (0.429 mi.)	128	421
<b>866 E. 21ST STREET</b> Date Closed: 2/18/2003 Date Closed: 12/14/1995	<b>866 21ST STREET</b>	<b>SW 1/4 - 1/2 (0.436 mi.)</b>	<b>AD130</b>	<b>424</b>
<b>Not reported</b> Date Closed: 6/28/2005	<b>535 EAST 21ST ST</b>	<b>NW 1/4 - 1/2 (0.461 mi.)</b>	<b>131</b>	<b>428</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1362 NEW YORK AVE Date Closed: 9/17/2007	1362 NEW YORK AVE	ENE 1/4 - 1/2 (0.340 mi.)	111	346
<b>APT COMPLEX</b> Date Closed: 5/6/2005	<b>3401 FOSTER AVE</b>	<b>ENE 1/4 - 1/2 (0.366 mi.)</b>	<b>115</b>	<b>356</b>

## EXECUTIVE SUMMARY

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

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 28 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>576 E. 29TH ST</b> Date Closed: 06/23/94	<b>576 E. 29TH ST</b>	<b>ESE 0 - 1/8 (0.105 mi.)</b>	<b>G22</b>	<b>61</b>
<b>2900 NEWARK AVE.</b> Date Closed: 11/04/93	<b>2900 NEWARK AVE.</b>	<b>NNE 1/8 - 1/4 (0.186 mi.)</b>	<b>T61</b>	<b>175</b>
<b>2513 NEW KIRK AVE.</b> Date Closed: 09/23/92	<b>2513 NEW KIRK AVE</b>	<b>NNW 1/8 - 1/4 (0.205 mi.)</b>	<b>V73</b>	<b>207</b>
<b>2900 NEWKIRK AVE</b> Date Closed: / /	<b>2900 NEWKIRK AVE.</b>	<b>NNE 1/8 - 1/4 (0.207 mi.)</b>	<b>T75</b>	<b>216</b>
2900 NEWKIRK AVE./ST. JER Date Closed: / /	2900 NEWKIRK AVE.	NNE 1/8 - 1/4 (0.207 mi.)	T76	220
<b>2325 FOSTER AVE</b> Date Closed: 09/30/92	<b>2325 FOSTER AVENUE</b>	<b>WNW 1/8 - 1/4 (0.212 mi.)</b>	<b>U79</b>	<b>237</b>
<b>Not reported</b> Date Closed: / /	<b>515 EAST 23RD ST</b>	<b>W 1/8 - 1/4 (0.244 mi.)</b>	<b>98</b>	<b>309</b>
<b>2515 GLENWOOD RD/BKLYN</b> Date Closed: / /	<b>2515 GLENWOOD ROAD</b>	<b>SSW 1/4 - 1/2 (0.278 mi.)</b>	<b>102</b>	<b>316</b>
<b>NOSTRAND AVE CORP.</b> Date Closed: 12/01/00	<b>1833 NOSTRAND AVE</b>	<b>NNE 1/4 - 1/2 (0.299 mi.)</b>	<b>103</b>	<b>320</b>
<b>600 EAST 22ND ST/BKLYN</b> Date Closed: 02/16/89	<b>600 EAST 22ND STREET</b>	<b>W 1/4 - 1/2 (0.302 mi.)</b>	<b>AA104</b>	<b>326</b>
<b>585 E. 22ND STREET</b> Date Closed: 09/02/94	<b>585 E. 22ND STREET</b>	<b>W 1/4 - 1/2 (0.305 mi.)</b>	<b>AA105</b>	<b>328</b>
<b>DEPT OF SANITATION BROOKL</b> Date Closed: / /	<b>106 AVE D</b>	<b>NW 1/4 - 1/2 (0.324 mi.)</b>	<b>106</b>	<b>331</b>
<b>1515 NEW YORK AVE</b> Date Closed: 03/10/94	<b>1515 NEW YORK AVE</b>	<b>ESE 1/4 - 1/2 (0.327 mi.)</b>	<b>107</b>	<b>334</b>
<b>720 E 31ST ST/BKLYN</b> Date Closed: 09/30/92	<b>720 EAST 31ST STREET</b>	<b>SE 1/4 - 1/2 (0.338 mi.)</b>	<b>109</b>	<b>341</b>
<b>2310 GLENWOOD RD.</b> Date Closed: / /	<b>2310 GLENWOOD ROAD</b>	<b>SW 1/4 - 1/2 (0.338 mi.)</b>	<b>110</b>	<b>344</b>
<b>762 EAST 21TH STREET</b> Date Closed: / /	<b>762 EAST 21TH STREET</b>	<b>WSW 1/4 - 1/2 (0.355 mi.)</b>	<b>112</b>	<b>348</b>
<b>APARTMENT COMPLEX</b> Date Closed: / /	<b>745 EAST 31ST STREET</b>	<b>SE 1/4 - 1/2 (0.364 mi.)</b>	<b>113</b>	<b>350</b>
<b>720 EAST 32NS STREET</b> Date Closed: 10/02/92	<b>720 EAST 32ND STREET</b>	<b>SE 1/4 - 1/2 (0.366 mi.)</b>	<b>114</b>	<b>353</b>
BROOKLYN COLLEGE Date Closed: / /	OCEAN AVE/AVE H	SSW 1/4 - 1/2 (0.372 mi.)	AB117	380
<b>BROOKLYN COLLEGE</b> Date Closed: / /	<b>2900 BEDFORD AV</b>	<b>SSW 1/4 - 1/2 (0.372 mi.)</b>	<b>AB118</b>	<b>381</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>JEHOVAH WITNESS CHURCH</b> Date Closed: 12/04/95	<b>1120 ROGERS AVE</b>	<b>N 1/4 - 1/2 (0.375 mi.)</b>	<b>119</b>	<b>401</b>
<b>Not reported</b> Date Closed: / /	<b>1045-1051 OCEAN AVE</b>	<b>W 1/4 - 1/2 (0.395 mi.)</b>	<b>121</b>	<b>405</b>
<b>810 EAST 220TH STREET/ BR</b> Date Closed: / /	<b>810 EAST 220TH STREET</b>	<b>SW 1/4 - 1/2 (0.395 mi.)</b>	<b>122</b>	<b>408</b>
<b>ONE STOP PHOTO</b> Date Closed: / /	<b>1583 FLATBUSH AVE</b>	<b>SSE 1/4 - 1/2 (0.401 mi.)</b>	<b>AC123</b>	<b>410</b>
777 E. 31ST ST Date Closed: / /	777 E. 31ST ST	SE 1/4 - 1/2 (0.404 mi.)	AC126	418
866 EAST 21ST STREET Date Closed: 12/14/95	866 EAST 21ST STREET	SW 1/4 - 1/2 (0.436 mi.)	AD129	423
<b>866 E. 21ST STREET</b> Date Closed: / /	<b>866 21ST STREET</b>	<b>SW 1/4 - 1/2 (0.436 mi.)</b>	<b>AD130</b>	<b>424</b>
<b>Not reported</b> Date Closed: / /	<b>535 EAST 21ST ST</b>	<b>NW 1/4 - 1/2 (0.461 mi.)</b>	<b>131</b>	<b>428</b>

### State and tribal registered storage tank lists

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

A review of the TANKS list, as provided by EDR, and dated 11/19/2012 has revealed that there is 1 TANKS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
554 PROPERTY CO	554 E 26TH ST	WSW 0 - 1/8 (0.091 mi.)	E18	55

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

A review of the UST list, as provided by EDR, and dated 11/19/2012 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G.H.R. CO. L.L.C.</b>	<b>620 E 29TH ST</b>	<b>SE 1/8 - 1/4 (0.149 mi.)</b>	<b>39</b>	<b>101</b>
PUBLIC SCHOOL 269 - BROOKLYN K	1957 NOSTRAND AVENUE	ENE 1/8 - 1/4 (0.156 mi.)	M42	119
<b>ST JEROME SCHOOL</b>	<b>465 EAST 29TH STREET</b>	<b>NNE 1/8 - 1/4 (0.170 mi.)</b>	<b>O48</b>	<b>133</b>
<b>50 KENILWORTH PLACE</b>	<b>50 KENILWORTH PLACE</b>	<b>S 1/8 - 1/4 (0.170 mi.)</b>	<b>49</b>	<b>136</b>
<b>ST JEROMES CONVENT</b>	<b>455 E 29TH ST</b>	<b>NNE 1/8 - 1/4 (0.183 mi.)</b>	<b>O58</b>	<b>163</b>
425 E 26 ST	425 EAST 26TH STREET	NNW 1/8 - 1/4 (0.205 mi.)	S70	200
<b>ST JEROMES RECTORY</b>	<b>2900 NEWKIRK AVE</b>	<b>NNE 1/8 - 1/4 (0.207 mi.)</b>	<b>T74</b>	<b>209</b>
<b>2325 FOSTER AVE</b>	<b>2325 FOSTER AVENUE</b>	<b>WNW 1/8 - 1/4 (0.216 mi.)</b>	<b>U81</b>	<b>243</b>
<b>S &amp; G REALTY CO., LLC.</b>	<b>2069 NOSTRAND AVE</b>	<b>SE 1/8 - 1/4 (0.221 mi.)</b>	<b>W87</b>	<b>283</b>

## EXECUTIVE SUMMARY

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

A review of the AST list, as provided by EDR, and dated 11/19/2012 has revealed that there are 38 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ENGINE COMPANY 255	1367 ROGERS AVENUE	S 0 - 1/8 (0.030 mi.)	5	25
21ST CENTURY AUTOMOTIVE	1321 ROGERS AVENUE	N 0 - 1/8 (0.032 mi.)	B6	28
OLIVER'S AUTO REPAIR	1313 ROGERS AVENUE	N 0 - 1/8 (0.042 mi.)	B7	30
<b>FLATBUSH YMCA</b>	<b>1401 FLATBUSH AVE</b>	<b>SW 0 - 1/8 (0.053 mi.)</b>	<b>8</b>	<b>32</b>
<b>2720 REALTY CO.</b>	<b>2720 FOSTER AVENUE</b>	<b>N 0 - 1/8 (0.084 mi.)</b>	<b>D14</b>	<b>43</b>
SAFI AND SON CORP.	567 EAST 26TH STREET	WSW 0 - 1/8 (0.090 mi.)	E17	52
HPS HOLDINGS CO., LLC	2810 FOSTER AVENUE	NNE 0 - 1/8 (0.101 mi.)	F20	57
2818 FOSTER AVE	2818 FOSTER AVENUE	NNE 0 - 1/8 (0.103 mi.)	F21	59
<b>2601 FARRAGUT RD, BKLYN NY</b>	<b>2601 FARRAGUT RD</b>	<b>SW 0 - 1/8 (0.118 mi.)</b>	<b>J29</b>	<b>73</b>
600 REALTY LLC.	600 EAST 26TH STREET	SW 0 - 1/8 (0.125 mi.)	J34	89
<b>EVELYN COURT</b>	<b>2530 FOSTER AVENUE</b>	<b>NW 1/8 - 1/4 (0.129 mi.)</b>	<b>35</b>	<b>91</b>
F&E REALTY CO.	2902 FOSTER AVENUE	NE 1/8 - 1/4 (0.132 mi.)	36	95
2657 BEDFORD AVE	2657 BEDFORD AVE	WNW 1/8 - 1/4 (0.145 mi.)	L37	97
ROBERT RODNEY	2665 BEDFORD AVE	WNW 1/8 - 1/4 (0.148 mi.)	L38	99
1964 NOSTRAND AVE	1964 NOSTRAND AVENUE	ENE 1/8 - 1/4 (0.152 mi.)	M40	104
2744 BEDFORD AVE LLC	2744 BEDFORD AVENUE	SW 1/8 - 1/4 (0.161 mi.)	44	124
2913 FOSTER AVENUE	2913 FOSTER AVENUE	NE 1/8 - 1/4 (0.164 mi.)	45	126
<b>645 OWNERS CORPORATION</b>	<b>645 EAST 26TH STREET</b>	<b>SSW 1/8 - 1/4 (0.176 mi.)</b>	<b>53</b>	<b>153</b>
2701 NEWKIRK AVE OWNER CORP.	2701 NEWKIRK AVE	N 1/8 - 1/4 (0.181 mi.)	R56	160
<b>ST JEROMES CONVENT</b>	<b>455 E 29TH ST</b>	<b>NNE 1/8 - 1/4 (0.183 mi.)</b>	<b>O58</b>	<b>163</b>
650 AARON MGT.	650 E. 29 ST	SE 1/8 - 1/4 (0.185 mi.)	59	171
2604-2610 NEWKIRK LLC	2604 NEWKIRK AVENUE	NNW 1/8 - 1/4 (0.186 mi.)	S60	173
<b>ADENNIKA REALTY CO</b>	<b>2814 NEWKIRK AVE</b>	<b>NNE 1/8 - 1/4 (0.189 mi.)</b>	<b>62</b>	<b>178</b>
UHURU ENTERPRISES, LTD.	1904 NOSTRAND AVE	NE 1/8 - 1/4 (0.195 mi.)	63	181
<b>KHADEJA SIKANDAR</b>	<b>2347 FOSTER AVE</b>	<b>WNW 1/8 - 1/4 (0.202 mi.)</b>	<b>U67</b>	<b>192</b>
<b>2516 NEWKIRK AVE</b>	<b>2516 NEWKIRK AVE</b>	<b>NNW 1/8 - 1/4 (0.203 mi.)</b>	<b>V68</b>	<b>195</b>
425 E 26 ST	425 EAST 26TH STREET	NNW 1/8 - 1/4 (0.205 mi.)	S71	202
YANKY HOUSING LLC	2513 NEWKIRK AVE	NNW 1/8 - 1/4 (0.205 mi.)	V72	205
<b>ST JEROMES RECTORY</b>	<b>2900 NEWKIRK AVE</b>	<b>NNE 1/8 - 1/4 (0.207 mi.)</b>	<b>T74</b>	<b>209</b>
<b>RACKFELL APARTMENTS ASSOCIATES</b>	<b>2064 NOSTRAND AVE</b>	<b>SE 1/8 - 1/4 (0.213 mi.)</b>	<b>W80</b>	<b>239</b>
JEAN BELIZAIRE SCHOOL	1886 NOSTRAND AVENUE	NE 1/8 - 1/4 (0.217 mi.)	X82	248
<b>657 EAST 26TH STREET</b>	<b>675 EAST 26TH STREET</b>	<b>SSW 1/8 - 1/4 (0.218 mi.)</b>	<b>83</b>	<b>250</b>
2619 BEDFORD AVENUE	2619 BEDFORD AVENUE	NW 1/8 - 1/4 (0.227 mi.)	Z88	286
2416 NEWKIRK AVENUE HDFC	2416 NEWKIRK AVENUE	NW 1/8 - 1/4 (0.231 mi.)	Z91	291
<b>2415 NEWKIRK AVE</b>	<b>2415 NEWKIRK AVE</b>	<b>NW 1/8 - 1/4 (0.233 mi.)</b>	<b>Z93</b>	<b>295</b>
<b>2401 NEWKIRK AVE</b>	<b>2401 NEWKIRK AVE</b>	<b>NW 1/8 - 1/4 (0.237 mi.)</b>	<b>Z95</b>	<b>301</b>
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
584 REALTY LLC	584 EAST 29TH STREET	ESE 0 - 1/8 (0.110 mi.)	G24	65
<b>RACKFELL APARTMENT ASSOCIATES</b>	<b>2047 NOSTRAND AVENUE</b>	<b>SE 1/8 - 1/4 (0.196 mi.)</b>	<b>64</b>	<b>183</b>

### **State and tribal institutional control / engineering control registries**

INST CONTROL: Environmental Remediation sites that have institutional controls in place.

A review of the INST CONTROL list, as provided by EDR, and dated 11/19/2012 has revealed that there

## EXECUTIVE SUMMARY

is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FEDERAL EXPRESS CORP</b>	<b>107-123 FARRAGUT RD</b>	<b>WSW 1/4 - 1/2 (0.371 mi.)</b>	<b>116</b>	<b>361</b>

### **State and tribal voluntary cleanup sites**

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

A review of the VCP list, as provided by EDR, and dated 11/19/2012 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FEDERAL EXPRESS CORP</b>	<b>107-123 FARRAGUT RD</b>	<b>WSW 1/4 - 1/2 (0.371 mi.)</b>	<b>116</b>	<b>361</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Lists of Registered Storage Tanks**

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

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 12 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G.H.R. CO. L.L.C.</b>	<b>620 E 29TH ST</b>	<b>SE 1/8 - 1/4 (0.149 mi.)</b>	<b>39</b>	<b>101</b>
P.S. 269	1957 NOSTRAND AVE	ENE 1/8 - 1/4 (0.156 mi.)	M43	122
<b>ST JEROME SCHOOL</b>	<b>465 EAST 29TH STREET</b>	<b>NNE 1/8 - 1/4 (0.170 mi.)</b>	<b>O48</b>	<b>133</b>
<b>50 KENILWORTH PLACE</b>	<b>50 KENILWORTH PLACE</b>	<b>S 1/8 - 1/4 (0.170 mi.)</b>	<b>49</b>	<b>136</b>
2701 NEWKIRK AVE	2701 NEWKIRK AVE	N 1/8 - 1/4 (0.181 mi.)	R57	162
<b>ST JEROMES CONVENT</b>	<b>455 E 29TH ST</b>	<b>NNE 1/8 - 1/4 (0.183 mi.)</b>	<b>O58</b>	<b>163</b>
HOWARD MANAGEMENT CO	425 E 26 ST	NNW 1/8 - 1/4 (0.205 mi.)	S69	199
<b>ST JEROMES RECTORY</b>	<b>2900 NEWKIRK AVE</b>	<b>NNE 1/8 - 1/4 (0.207 mi.)</b>	<b>T74</b>	<b>209</b>
<b>2325 FOSTER AVE</b>	<b>2325 FOSTER AVENUE</b>	<b>WNW 1/8 - 1/4 (0.216 mi.)</b>	<b>U81</b>	<b>243</b>
<b>S &amp; G REALTY CO., LLC.</b>	<b>2069 NOSTRAND AVE</b>	<b>SE 1/8 - 1/4 (0.221 mi.)</b>	<b>W87</b>	<b>283</b>
2619 BEDFORD AVENUE	2619 BEDFORD AVENUE	NW 1/8 - 1/4 (0.227 mi.)	Z89	289
2416 NEWKIRK AVENUE TENANT ASS	2416 NEWKIRK AVENUE APT	NW 1/8 - 1/4 (0.231 mi.)	Z90	290

#### **Records of Emergency Release Reports**

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

A review of the NY Spills list, as provided by EDR, and dated 08/20/2012 has revealed that there are

## EXECUTIVE SUMMARY

2 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANHOLE 3607 Date Closed: 12/5/2003	FLAT BUSH AV/FARRAGUT R	S 0 - 1/8 (0.078 mi.)	13	42
MANHOLE #67412 Date Closed: 11/15/2002	1102-20 FARRAGUT RD	SW 0 - 1/8 (0.118 mi.)	J31	78

### **Other Ascertainable Records**

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2012 has revealed that there are 7 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MIRACLE AUTO BODY</b>	<b>1333 ROGERS AVE</b>	<b>N 0 - 1/8 (0.016 mi.)</b>	<b>A4</b>	<b>21</b>
<b>BARRI CLEANERS</b>	<b>1932 NOSTRAND AVE</b>	<b>ENE 1/8 - 1/4 (0.167 mi.)</b>	<b>N47</b>	<b>128</b>
<b>MIKLIN FRENCH CLEANERS</b>	<b>1329 FLATBUSH AVE</b>	<b>NW 1/8 - 1/4 (0.179 mi.)</b>	<b>Q54</b>	<b>156</b>
<b>RHEE STEVENS CLEANERS</b>	<b>1885 NOSTRAND AVENUE</b>	<b>NE 1/8 - 1/4 (0.220 mi.)</b>	<b>X86</b>	<b>269</b>
<b>NYCDOT BRIDGE BIN 2243140</b>	<b>NEWKIRK AVE OVER BMT SUNE</b>	<b>1/8 - 1/4 (0.233 mi.)</b>	<b>X92</b>	<b>293</b>
<b>NYCTA - NEWKIRK AVENUE STATION</b>	<b>NEWKIRK AVE &amp; NOSTRAND</b>	<b>NE 1/8 - 1/4 (0.235 mi.)</b>	<b>X94</b>	<b>298</b>
<b>MR FOSTER</b>	<b>2604 BEDFORD AVE 2D</b>	<b>NW 1/8 - 1/4 (0.246 mi.)</b>	<b>Z99</b>	<b>312</b>

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

A review of the MANIFEST list, as provided by EDR, and dated 11/01/2012 has revealed that there are 15 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MIRACLE AUTO BODY</b>	<b>1333 ROGERS AVE</b>	<b>N 0 - 1/8 (0.016 mi.)</b>	<b>A4</b>	<b>21</b>
CONSOLIDATED EDISON	FOSTER AVE. & ROGERS AV	N 0 - 1/8 (0.084 mi.)	D15	47
CONSOLIDATED EDISON	ROGERS AVE & FOSTER AVE	N 0 - 1/8 (0.084 mi.)	D16	48
<b>NYCT - NOSTRAND SUBSTATION</b>	<b>1995 NOSTRAND AVE</b>	<b>E 1/8 - 1/4 (0.153 mi.)</b>	<b>41</b>	<b>106</b>
<b>BARRI CLEANERS</b>	<b>1932 NOSTRAND AVE</b>	<b>ENE 1/8 - 1/4 (0.167 mi.)</b>	<b>N47</b>	<b>128</b>
NYNEX	NOSTRAND AVE & FOSTER A	NE 1/8 - 1/4 (0.172 mi.)	N50	139
<b>MIKLIN FRENCH CLEANERS</b>	<b>1329 FLATBUSH AVE</b>	<b>NW 1/8 - 1/4 (0.179 mi.)</b>	<b>Q54</b>	<b>156</b>
CONSOLIDATED EDISON	BEDFORD AVE & FLATBUSH	NW 1/8 - 1/4 (0.200 mi.)	Q65	187
CONSOLIDATED EDISON	FLATBUSH AVE & BEDFORD	NW 1/8 - 1/4 (0.200 mi.)	Q66	189
<b>COURTESY CLEANERS</b>	<b>1250 FLATBUSH AVENUE</b>	<b>NW 1/8 - 1/4 (0.208 mi.)</b>	<b>77</b>	<b>222</b>
NYNEX	FOSTER & E 24TH ST	WNW 1/8 - 1/4 (0.211 mi.)	U78	236
<b>SOS FRENCH CLEANERS</b>	<b>2814 GLENWOOD RD</b>	<b>SSE 1/8 - 1/4 (0.220 mi.)</b>	<b>Y85</b>	<b>254</b>
<b>RHEE STEVENS CLEANERS</b>	<b>1885 NOSTRAND AVENUE</b>	<b>NE 1/8 - 1/4 (0.220 mi.)</b>	<b>X86</b>	<b>269</b>
<b>NYCTA - NEWKIRK AVENUE STATION</b>	<b>NEWKIRK AVE &amp; NOSTRAND</b>	<b>NE 1/8 - 1/4 (0.235 mi.)</b>	<b>X94</b>	<b>298</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FARRAGUT CLEANERS INC</b>	<b>3007 FARRAGUT RD</b>	<b>ESE 1/8 - 1/4 (0.172 mi.)</b>	<b>P52</b>	<b>141</b>

## EXECUTIVE SUMMARY

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/20/2012 has revealed that there are 6 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BARRI CLEANERS	1932 NOSTRAND AVENUE	ENE 1/8 - 1/4 (0.167 mi.)	N46	128
MIKLIN FRENCH DRY CLEANERS	1329 FLATBUSH AVENUE	NW 1/8 - 1/4 (0.179 mi.)	Q55	159
STELLAR/YOUNG'S/GLENWOOD/KANG'	2814 GLENWOOD RD.	SSE 1/8 - 1/4 (0.220 mi.)	Y84	253
<b>RHEE STEVENS CLEANERS</b>	<b>1885 NOSTRAND AVENUE</b>	<b>NE 1/8 - 1/4 (0.220 mi.)</b>	<b>X86</b>	<b>269</b>
FARRAGUT CLEANERS	2085 NOSTRAND AVE	SE 1/8 - 1/4 (0.242 mi.)	97	308
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FARRAGUT CLEANERS	3007 FARRAGUT RD.	ESE 1/8 - 1/4 (0.172 mi.)	P51	140

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

A review of the E DESIGNATION list, as provided by EDR, and dated 10/11/2012 has revealed that there are 11 E DESIGNATION sites within approximately 0.125 miles of the target property.

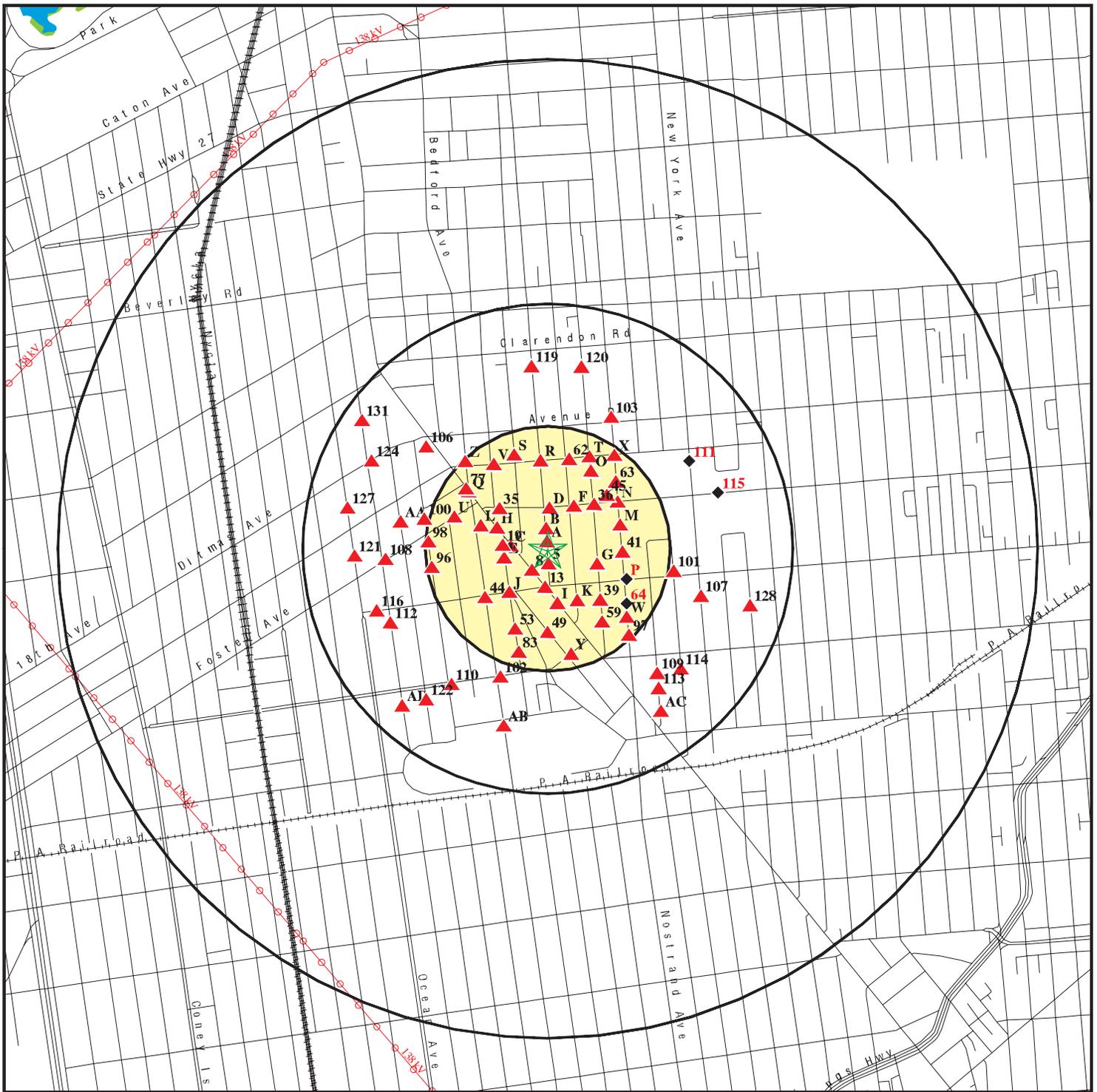
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 1,TAXBLOCK 5227	1383 FLATBUSH AVENUE	W 0 - 1/8 (0.059 mi.)	C9	36
LOT 3,TAXBLOCK 5227	1377 FLATBUSH AVENUE EX	W 0 - 1/8 (0.068 mi.)	C10	37
LOT 5,TAXBLOCK 5227	1373 FLATBUSH AVENUE EX	W 0 - 1/8 (0.075 mi.)	C12	40
LOT 56,TAXBLOCK 5225	538 EAST 26 STREET	W 0 - 1/8 (0.092 mi.)	19	55
LOT 13,TAXBLOCK 5227	1357 FLATBUSH AVENUE EX	WNW 0 - 1/8 (0.110 mi.)	H23	63
LOT 51,TAXBLOCK 5249	1444 FLATBUSH AVENUE	S 0 - 1/8 (0.112 mi.)	I26	68
LOT 49,TAXBLOCK 5225	1332 FLATBUSH AVENUE	WNW 0 - 1/8 (0.114 mi.)	H27	70
LOT 52,TAXBLOCK 5249	1446 FLATBUSH AVENUE	S 0 - 1/8 (0.115 mi.)	I28	72
LOT 53,TAXBLOCK 5249	1448 FLATBUSH AVENUE	SSE 0 - 1/8 (0.118 mi.)	I30	77
LOT 15,TAXBLOCK 5251	639 EAST 28 STREET	SSE 0 - 1/8 (0.121 mi.)	K32	80
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 14,TAXBLOCK 5251	641 EAST 28 STREET	SSE 0 - 1/8 (0.122 mi.)	K33	85

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CON EDISON OF NYC,INC.	MANIFEST
BP PRODUCTS OF NORTH AMERICA INC	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCDEP - SHAFT 23	FINDS,RCRA-NLR
CON EDISON	RCRA-CESQG
E 29TH ST & KINGS HWY	SPILLS,HIST SPILLS
BETW/AVE X &	SPILLS
POLE 69882	SPILLS
BOX 38486	SPILLS,HIST SPILLS
TO ROADWAY	SPILLS
ROADWAY	SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS
FOUNTAIN AVENUE LANDFILL	ODI

# OVERVIEW MAP - 3483616.2s



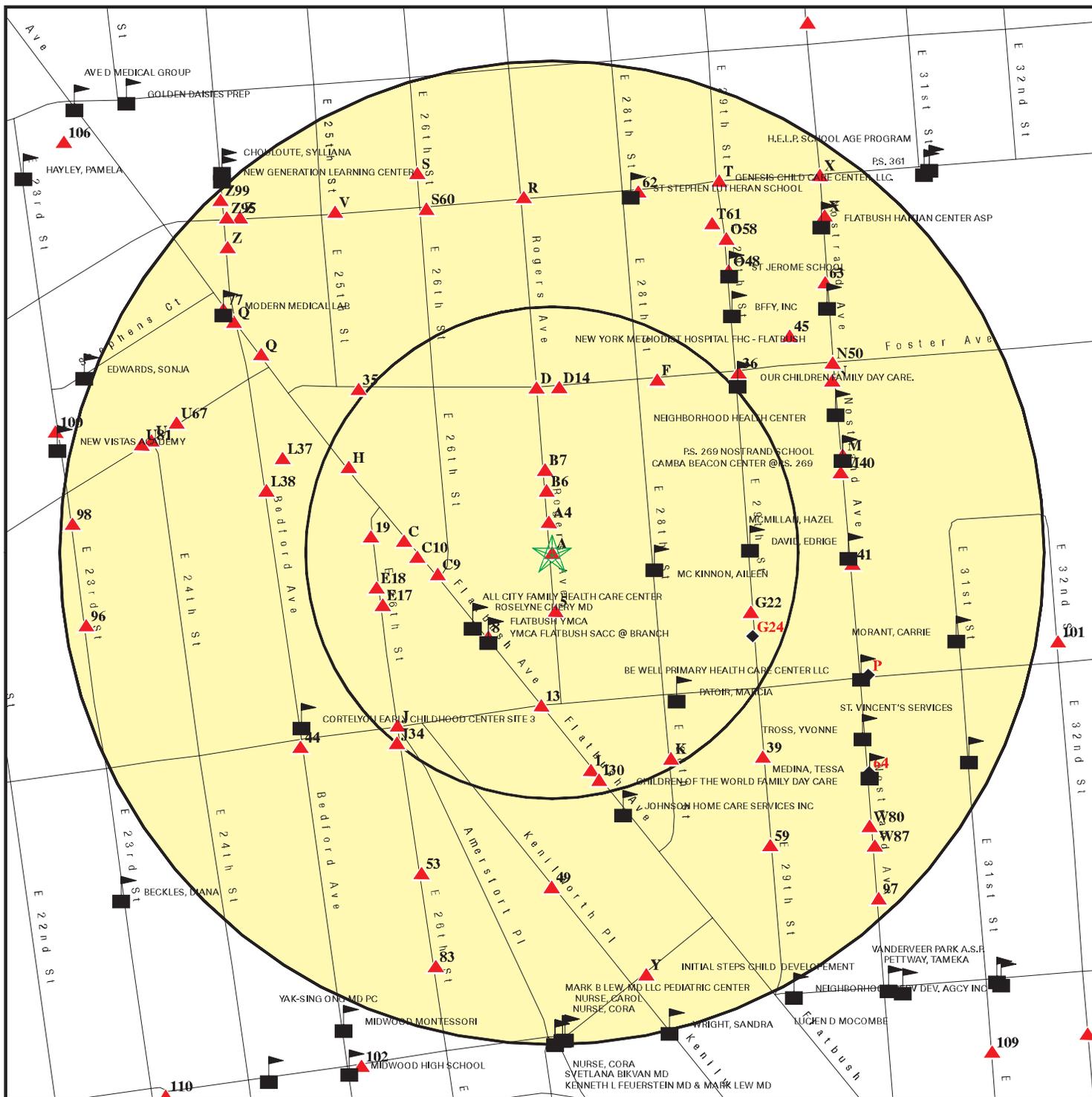
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines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

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

SITE NAME: 1345-57 Rogers Avenue  
 ADDRESS: 1345,51,57 Rogers Ave / 562 E 28th St.  
 Brooklyn NY 11210  
 LAT/LONG: 40.6372 / 73.951

CLIENT: CA Rich Consultants, Inc.  
 CONTACT: Jessica Proscia  
 INQUIRY #: 3483616.2s  
 DATE: December 27, 2012 10:32 am

# DETAIL MAP - 3483616.2s



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

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



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

SITE NAME: 1345-57 Rogers Avenue  
 ADDRESS: 1345,51,57 Rogers Ave / 562 E 28th St.  
 Brooklyn NY 11210  
 LAT/LONG: 40.6372 / 73.951

CLIENT: CA Rich Consultants, Inc.  
 CONTACT: Jessica Proscia  
 INQUIRY #: 3483616.2s  
 DATE: December 27, 2012 10:33 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	3	NR	NR	NR	3
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LTANKS	0.500		3	7	27	NR	NR	37
HIST LTANKS	0.500		1	6	21	NR	NR	28
INDIAN LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>State and tribal registered storage tank lists</b>								
TANKS	0.250		1	0	NR	NR	NR	1
UST	0.250		0	9	NR	NR	NR	9
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		11	27	NR	NR	NR	38
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	1	NR	NR	1
RES DECL	0.125		0	NR	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
HIST UST	0.250		0	12	NR	NR	NR	12
HIST AST	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		2	NR	NR	NR	NR	2
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen	0.250		1	6	NR	NR	NR	7
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		3	12	NR	NR	NR	15
DRYCLEANERS	0.250		0	6	NR	NR	NR	6
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125	3	11	NR	NR	NR	NR	14
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
<b>EDR PROPRIETARY RECORDS</b>								
<b>EDR Exclusive Records</b>								
EDR MGP	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 5229 (Continued)**

**S109942181**

Basement Type Grade: 5  
Land Assessed Value: 00000108900  
Total Assessed Value: 00000108900  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 0000  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290011  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997946  
Y Coordinate: 0171209  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 11  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Exhaust stack location limitations  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 5229 (Continued)**

**S109942181**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: V1  
Land Use Category: 11  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: 1460 FLATBUSH AVENUE  
Lot Area: 000008200  
Total Building Floor Area: 00000000000  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code#  
Number of Buildings: 00000  
Number of Floors: 000.00  
Residential Units: 00000  
Non and Residential Units: 00000  
Lot Frontage: 0080.00  
Lot Depth: 0102.50  
Building Frontage: 0000.00  
Building Depth: 0000.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000108900  
Total Assessed Value: 00000108900  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 0000  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290011  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997946  
Y Coordinate: 0171209  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 5229 (Continued)**

**S109942181**

Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 11  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: V1  
Land Use Category: 11  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: 1460 FLATBUSH AVENUE  
Lot Area: 000008200  
Total Building Floor Area: 00000000000  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code4  
Number of Buildings: 00000  
Number of Floors: 000.00  
Residential Units: 00000  
Non and Residential Units: 00000  
Lot Frontage: 0080.00  
Lot Depth: 0102.50  
Building Frontage: 0000.00  
Building Depth: 0000.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 11,TAXBLOCK 5229 (Continued)**

**S109942181**

Land Assessed Value: 00000108900  
Total Assessed Value: 00000108900  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 0000  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.00  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290011  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997946  
Y Coordinate: 0171209  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A2  
Target  
Property**

**LOT 17,TAXBLOCK 5229  
1345 ROGERS AVENUE  
BROOKLYN, NY 11210**

**E DESIGNATION S109942280  
N/A**

**Site 2 of 4 in cluster A**

**Actual:  
24 ft.**

**E DESIGNATION:**  
Tax Lot(s): 17  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 17,TAXBLOCK 5229 (Continued)**

**S109942280**

Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B1  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: MARCIA D JOHNSON  
Lot Area: 000006150  
Total Building Floor Area: 00000004050  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00003  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0020.25  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000008998  
Total Assessed Value: 00000019200  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1940  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.66  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290017  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997936  
Y Coordinate: 0171338  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 17,TAXBLOCK 5229 (Continued)**

**S109942280**

Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 17  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Exhaust stack location limitations  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B1  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: MARCIA D JOHNSON  
Lot Area: 000006150  
Total Building Floor Area: 00000004050  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00003  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0020.25

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 17,TAXBLOCK 5229 (Continued)**

**S109942280**

Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000008998  
Total Assessed Value: 00000019200  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1940  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.66  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290017  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997936  
Y Coordinate: 0171338  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 17  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 17,TAXBLOCK 5229 (Continued)**

**S109942280**

Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B1  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: MARCIA D JOHNSON  
Lot Area: 000006150  
Total Building Floor Area: 00000004050  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00003  
Number of Floors: 002.00  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0020.25  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000008998  
Total Assessed Value: 00000019200  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1940  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.66  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290017  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997936  
Y Coordinate: 0171338  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 17,TAXBLOCK 5229 (Continued)**

**S109942280**

Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**A3  
 Target  
 Property**

**LOT 15,TAXBLOCK 5229  
 1351 ROGERS AVENUE  
 BROOKLYN, NY 11210**

**E DESIGNATION**

**S109942253  
 N/A**

**Site 3 of 4 in cluster A**

**Actual:  
 24 ft.**

**E DESIGNATION:**  
 Tax Lot(s): 15  
 E-No: E-233  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP058K  
 Ulurp Number: 090336ZMK  
 Zoning Map No: 16d 17b 22c 23a  
 Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water  
 Borough Code: BK  
 Community District: 314  
 Census Tract: 788  
 Census Block: 3000  
 School District: 22  
 City Council District: 45  
 Fire Company: L157  
 Health Area: 35  
 Police Precinct: 070  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: C2-3  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C2-3/R6  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: G2  
 Land Use Category: 10  
 Number of Easements: 0  
 Owner, Type of Code: Not reported  
 Owner Name: PUAJ  
 Lot Area: 000006120  
 Total Building Floor Area: 00000004400  
 Commercial Floor Area: 00000004400  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000000000  
 Garage Floor Area: 00000004400  
 Storage Floor Area: 00000000000  
 Factory Floor Area: 00000000000  
 Other Floor Area: 00000000000  
 Floor Area,Total Bld Source Code7  
 Number of Buildings: 00002  
 Number of Floors: 001.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5229 (Continued)**

**S109942253**

Residential Units: 00000  
Non and Residential Units: 00022  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0060.00  
Building Depth: 0022.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000054900  
Total Assessed Value: 00000080100  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.72  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290015  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997940  
Y Coordinate: 0171278  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 15  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Exhaust stack location limitations  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5229 (Continued)**

**S109942253**

Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: G2  
Land Use Category: 10  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: PUA1  
Lot Area: 000006120  
Total Building Floor Area: 00000004400  
Commercial Floor Area: 00000004400  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000004400  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00022  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0060.00  
Building Depth: 0022.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000054900  
Total Assessed Value: 00000080100  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.72  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290015  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997940  
Y Coordinate: 0171278  
Zoning Map: 23A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5229 (Continued)**

**S109942253**

Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 15  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3000  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: G2  
Land Use Category: 10  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: PUA1  
Lot Area: 000006120  
Total Building Floor Area: 00000004400  
Commercial Floor Area: 00000004400  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000004400  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 001.00  
Residential Units: 00000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5229 (Continued)**

**S109942253**

Non and Residential Units: 00022  
Lot Frontage: 0060.00  
Lot Depth: 0102.50  
Building Frontage: 0060.00  
Building Depth: 0022.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000054900  
Total Assessed Value: 00000080100  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.72  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052290015  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997940  
Y Coordinate: 0171278  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**A4**  
**North**  
**< 1/8**  
**0.016 mi.**  
**83 ft.**

**MIRACLE AUTO BODY**  
**1333 ROGERS AVE**  
**BROOKLYN, NY 11210**  
**Site 4 of 4 in cluster A**

**RCRA-NonGen** 1000144196  
**FINDS** NYD981141450  
**MANIFEST**

**Relative:**  
**Higher**

RCRA-NonGen:  
Date form received by agency: 01/01/2007  
Facility name: MIRACLE AUTO BODY  
Facility address: 1333 ROGERS AVE  
BROOKLYN, NY 112101431  
EPA ID: NYD981141450  
Mailing address: ROGERS AVE  
BROOKLYN, NY 11210  
Contact: Not reported  
Contact address: ROGERS AVE  
BROOKLYN, NY 11210

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIRACLE AUTO BODY (Continued)**

**1000144196**

Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MACARTHUR DIXON  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MACARTHUR DIXON  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: MIRACLE AUTO BODY  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: MIRACLE AUTO BODY  
Classification: Not a generator, verified

Date form received by agency: 11/08/1985  
Facility name: MIRACLE AUTO BODY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIRACLE AUTO BODY (Continued)**

**1000144196**

Classification: Small Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004401282

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**NY MANIFEST:**

EPA ID: NYD981141450  
Country: USA  
Mailing Name: MIRACLE AUTO BODY  
Mailing Contact: MIRACLE AUTO BODY  
Mailing Address: 1333 ROGERS AVENUE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11210  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-434-9531

Document ID: NJA0619772  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 890501  
Trans1 Recv Date: 890501  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890502  
Part A Recv Date: 890515  
Part B Recv Date: 890512  
Generator EPA ID: NYD981141450  
Trans1 EPA ID: NJD980787147  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F005 - UNKNOWN  
Quantity: 00050  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIRACLE AUTO BODY (Continued)**

**1000144196**

Year: 89

Document ID: NJA0629143  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 891030  
Trans1 Recv Date: 891030  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 891031  
Part A Recv Date: 891215  
Part B Recv Date: 891115  
Generator EPA ID: NYD981141450  
Trans1 EPA ID: NJD980787147  
Trans2 EPA ID: Not reported  
TSDf ID: NJD002454544  
Waste Code: F005 - UNKNOWN  
Quantity: 00015  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: ILA9855223  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: Not reported  
Generator Ship Date: 11/21/2001  
Trans1 Recv Date: 11/21/2001  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/03/2001  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981141450  
Trans1 EPA ID: ILD980613913  
Trans2 EPA ID: Not reported  
TSDf ID: UPW151288  
Waste Code: F005 - UNKNOWN  
Quantity: 00112  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2001

Document ID: NJA0963561  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 901207  
Trans1 Recv Date: 901207

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIRACLE AUTO BODY (Continued)**

**1000144196**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 901207  
Part A Recv Date: 910416  
Part B Recv Date: 910115  
Generator EPA ID: NYD981141450  
Trans1 EPA ID: NJD980787147  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0192435  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPDECA  
Trans2 State ID: Not reported  
Generator Ship Date: 860430  
Trans1 Recv Date: 860430  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 860501  
Part A Recv Date: 860507  
Part B Recv Date: 860508  
Generator EPA ID: NYD981141450  
Trans1 EPA ID: NJD980787147  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00020  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 86

5  
South  
< 1/8  
0.030 mi.  
156 ft.

**ENGINE COMPANY 255**  
**1367 ROGERS AVENUE**  
**BROOKLYN, NY 11210**

**AST A100193973**  
**N/A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Facility Id: 2-357235  
Program Type: PBS  
UTM X: 588724.79922000004  
UTM Y: 4498891.57907  
Expiration Date: N/A

**Actual:**  
**24 ft.**

Affiliation Records:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENGINE COMPANY 255 (Continued)**

**A100193973**

Site Id: 17875  
Affiliation Type: Owner  
Company Name: N Y F D  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 9 METROTECH  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201-3857  
Country Code: 001  
Phone: (718) 999-2094  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 17875  
Affiliation Type: Mail Contact  
Company Name: FIRE DEPARTMENT  
Contact Type: Not reported  
Contact Name: DIRECTOR; BLDGS MAINT DIV  
Address1: 48-34 35TH STREET  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 784-6510  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 17875  
Affiliation Type: On-Site Operator  
Company Name: ENGINE COMPANY 255  
Contact Type: Not reported  
Contact Name: COMPANY OFFICER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 965-8255  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 17875  
Affiliation Type: Emergency Contact  
Company Name: N Y F D

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENGINE COMPANY 255 (Continued)**

**A100193973**

Contact Type: Not reported  
Contact Name: EOC/NOTIFICATION DESK  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 999-2094  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
H99 - Tank Leak Detection - Other  
B00 - Tank External Protection - None  
G99 - Tank Secondary Containment - Other  
I99 - Overfill - Other  
H00 - Tank Leak Detection - None  
C01 - Pipe Location - Aboveground

Tank Info:

Tank Number: 001  
Tank Id: 35023  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Tank Number: 002  
Tank Id: 35024

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENGINE COMPANY 255 (Continued)**

**A100193973**

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 550  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

**B6**  
**North**  
**< 1/8**  
**0.032 mi.**  
**168 ft.**

**21ST CENTURY AUTOMOTIVE**  
**1321 ROGERS AVENUE**  
**BROOKLYN, NY 11210**  
**Site 1 of 2 in cluster B**

**AST A100356943**  
**N/A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-611587  
Program Type: PBS  
UTM X: Not reported  
UTM Y: Not reported  
Expiration Date: 2016/05/13

**Actual:**  
**25 ft.**

Affiliation Records:  
Site Id: 449098  
Affiliation Type: Owner  
Company Name: MARK OST  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1740 STEWART AVE  
Address2: Not reported  
City: N. BELLMORE  
State: NY  
Zip Code: 11710  
Country Code: 001  
Phone: (347) 672-8696  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/13/2011  
  
Site Id: 449098  
Affiliation Type: Mail Contact  
Company Name: 21ST CENTURY AUTOMOTIVE  
Contact Type: Not reported  
Contact Name: MARK OST  
Address1: 1321 ROGERS AVENUE  
Address2: Not reported  
City: BROOKLYN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**21ST CENTURY AUTOMOTIVE (Continued)**

**A100356943**

State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-5959  
Phone Ext: Not reported  
Email: MARKOST59@AOL.COM  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/13/2011

Site Id: 449098  
Affiliation Type: On-Site Operator  
Company Name: 21ST CENTURY AUTOMOTIVE  
Contact Type: Not reported  
Contact Name: MARK OST  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-5959  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/13/2011

Site Id: 449098  
Affiliation Type: Emergency Contact  
Company Name: MARK OST  
Contact Type: Not reported  
Contact Name: MARK OST  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (342) 672-8696  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/13/2011

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
K00 - Spill Prevention - None  
L00 - Piping Leak Detection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**21ST CENTURY AUTOMOTIVE (Continued)**

**A100356943**

E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 239292  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 03/04/1994  
Capacity Gallons: 150  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 05/13/2011

**B7**  
**North**  
**< 1/8**  
**0.042 mi.**  
**224 ft.**

**OLIVER'S AUTO REPAIR**  
**1313 ROGERS AVENUE**  
**BROOKLYN, NY 11210**

**AST A100356940**  
**N/A**

**Site 2 of 2 in cluster B**

**Relative:**  
**Higher**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-611583  
Program Type: PBS  
UTM X: Not reported  
UTM Y: Not reported  
Expiration Date: 2016/05/09

**Actual:**  
**25 ft.**

Affiliation Records:

Site Id: 448935  
Affiliation Type: Owner  
Company Name: OLIVER MILLER  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1313 ROGERS AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 421-9805  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/9/2011

Site Id: 448935  
Affiliation Type: Mail Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLIVER'S AUTO REPAIR (Continued)**

**A100356940**

Company Name: OLIVERS AUTO REPAIR  
Contact Type: Not reported  
Contact Name: OLIVER MILLER  
Address1: 1313 ROGERS AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 421-9805  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/9/2011

Site Id: 448935  
Affiliation Type: On-Site Operator  
Company Name: OLIVERS AUTO REPAIR  
Contact Type: Not reported  
Contact Name: OLIVER MILLER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 421-9805  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/9/2011

Site Id: 448935  
Affiliation Type: Emergency Contact  
Company Name: OLIVER MILLER  
Contact Type: Not reported  
Contact Name: OLIVER MILLER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (347) 307-5260  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 5/9/2011

Equipment Records:

A00 - Tank Internal Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLIVER'S AUTO REPAIR (Continued)**

**A100356940**

L00 - Piping Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
I00 - Overfill - None  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 1  
Tank Id: 239203  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 50  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 06/01/1998  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 05/09/2011

8  
SW  
< 1/8  
0.053 mi.  
282 ft.

**FLATBUSH YMCA  
1401 FLATBUSH AVE  
FLATBUSH,BKLYN, NY 11210**

**AST U003388072  
HIST AST N/A**

**Relative:  
Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-255580  
Program Type: PBS  
UTM X: 588687.1919299997  
UTM Y: 4498893.5631200001  
Expiration Date: 2012/07/10

**Actual:  
24 ft.**

Affiliation Records:  
Site Id: 10452  
Affiliation Type: Owner  
Company Name: YMCA OF GREATER NY  
Contact Type: BLDG. MGR.  
Contact Name: FREDERICK SOOKHAI  
Address1: 333 SEVENTH AVENUE  
Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10001  
Country Code: 001  
Phone: (212) 630-9600  
Phone Ext: Not reported  
Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FLATBUSH YMCA (Continued)**

**U003388072**

Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 7/16/2007

Site Id: 10452  
Affiliation Type: Mail Contact  
Company Name: FLATBUSH YMCA  
Contact Type: Not reported  
Contact Name: FREDERICK SOOKHAI  
Address1: 1401 FLATBUSH AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 469-8100  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 10452  
Affiliation Type: On-Site Operator  
Company Name: FLATBUSH YMCA  
Contact Type: Not reported  
Contact Name: MICHAEL KELLER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 469-8100  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 10452  
Affiliation Type: Emergency Contact  
Company Name: YMCA OF GREATER NY  
Contact Type: Not reported  
Contact Name: RICHARD BIANCHI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (212) 564-1300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 10/20/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FLATBUSH YMCA (Continued)**

**U003388072**

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 13104  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1920  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: DXLIVING  
Last Modified: 07/16/2007

HIST AST:

PBS Number: 2-255580  
SWIS Code: 6101  
Operator: PAUL MOHABIR  
Facility Phone: (718) 469-8100  
Facility Addr2: 1401 FLATBUSH AVE  
Facility Type: Not reported  
Emergency: ED. LANE  
Emergency Tel: (212) 630-9607  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: YMCA OF GREATER NY  
Owner Address: 333 SEVENTH AVENUE  
Owner City,St,Zip: EW YORKY, NY 10001  
Federal ID: Not reported  
Owner Tel: (212) 630-9600  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: FREDERICK SOOKHAI  
Mailing Name: FLATBUSH YMCA  
Mailing Address: 1401 FLATBUSH AVENUE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Telephone: (718) 469-8100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FLATBUSH YMCA (Continued)**

**U003388072**

Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 04/21/1998  
Expiration: 07/10/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C9**  
**West**  
**< 1/8**  
**0.059 mi.**  
**311 ft.**

**LOT 1,TAXBLOCK 5227**  
**1383 FLATBUSH AVENUE**  
**BROOKLYN, NY 11210**

**E DESIGNATION**    **S109942133**  
**N/A**

**Site 1 of 4 in cluster C**

**Relative:**  
**Higher**

**E DESIGNATION:**

**Actual:**  
**25 ft.**

Tax Lot(s):	1
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	788
Census Block:	3002
School District:	22
City Council District:	45
Fire Company:	L157
Health Area:	35
Police Precinct:	070
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	VICTORY AUTO PARTS LT
Lot Area:	000001350
Total Building Floor Area:	00000001250
Commercial Floor Area:	00000001250
Office Floor Area:	00000000000
Retail Floor Area:	00000001250
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0063.00
Lot Depth:	0042.83
Building Frontage:	0058.00
Building Depth:	0042.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 1, TAXBLOCK 5227 (Continued)**

**S109942133**

Basement Type Grade: 5  
Land Assessed Value: 00000016020  
Total Assessed Value: 00000059400  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.93  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052270001  
Condominium Number: 00000  
Census Tract 2: 0788  
X Coordinate: 0997518  
Y Coordinate: 0171484  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**C10**  
**West**  
**< 1/8**  
**0.068 mi.**  
**361 ft.**

**LOT 3, TAXBLOCK 5227**  
**1377 FLATBUSH AVENUE EXT**  
**BROOKLYN, NY 11210**  
**Site 2 of 4 in cluster C**

**E DESIGNATION** **S109942426**  
**N/A**

**Relative:**  
**Higher**

**E DESIGNATION:**  
Tax Lot(s): 3  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 788  
Census Block: 3002  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6

**Actual:**  
**26 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 3,TAXBLOCK 5227 (Continued)**

**S109942426**

Zone District 2:	Not reported
Commercial Overlay1:	C2-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	VICTORY AUTO PARTS LT
Lot Area:	000001720
Total Building Floor Area:	00000001700
Commercial Floor Area:	00000001700
Office Floor Area:	00000000000
Retail Floor Area:	00000001700
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0032.00
Lot Depth:	0064.58
Building Frontage:	0032.00
Building Depth:	0064.58
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000020340
Total Assessed Value:	00000084150
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1933
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.99
Maximum Allowable Far:	02.43
Borough Code:	3
Borough Tax Block And Lot:	3052270003
Condominium Number:	00000
Census Tract 2:	0788
X Coordinate:	0997506
Y Coordinate:	0171522
Zoning Map:	23A
Sanborn Map:	315 001
Tax Map:	31605
E Designation No:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 3, TAXBLOCK 5227 (Continued)**

**S109942426**

Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**C11  
 West  
 < 1/8  
 0.073 mi.  
 388 ft.**

**1358 FLATBUSH AVE  
 BROOKLYN, NY  
 Site 3 of 4 in cluster C**

**LTANKS S105994933  
 N/A**

**Relative:  
 Higher**

LTANKS:

Site ID: 94652  
 Spill No: 0109982  
 Spill Date: 1/16/2002  
 Spill Cause: Tank Overfill  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:  
 26 ft.**

Spill Closed Dt: 3/11/2004  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: SMSANGES  
 Referred To: Not reported  
 Reported to Dept: 1/16/2002  
 CID: 211  
 Water Affected: Not reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/16/2002  
 Spill Record Last Update: 3/11/2004  
 Spiller Name: BILL CROCKER  
 Spiller Company: BORO FUEL  
 Spiller Address: Not reported  
 Spiller City,St,Zip: BROOKLYN, NY 001  
 Spiller Contact: BILL CROCKER  
 Spiller Phone: (718) 854-7500  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 84735  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"1/16/2002 - Sangesland spoke with Bill Crocker of Boro Fuel Oil (718-854-7500). He said there was an overfill at the site. Building is a 2 story building with stores on the 1st floor and 2 apartments on the 2nd floor. Basement was empty except for the oil tank and a little bit of retail store stock. Overfill poured out the top of the tank through a broken tank gauge, over the tank and onto

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S105994933**

Remarks: the floor. The vent line was totally rotted from the tank to the outside wall and should be replaced. Boro has taken responsibility for the spill and sent a crew (of their own people) to clean up the basement with speedie dry and to then power wash the site. Building owner is Mr. Wong (718-886-0286) DEC was told by Mr. Crocker that Mr. Wong does not speak English. 3/10/2004 Jie Zhao called Mr. Wong. He said all the lines were replaced along with the new boiler. All of the work is done and the clean up was completed. Spill Closed driver overfilled tank - clean up in progress

Material:  
 Site ID: 94652  
 Operable Unit ID: 848346  
 Operable Unit: 01  
 Material ID: 527618  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 10  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:  
 Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

**C12**  
**West**  
**< 1/8**  
**0.075 mi.**  
**398 ft.**

**LOT 5, TAXBLOCK 5227**  
**1373 FLATBUSH AVENUE EXT**  
**BROOKLYN, NY 11210**  
**Site 4 of 4 in cluster C**

**E DESIGNATION**    **S109942651**  
**N/A**

**Relative:**  
**Higher**

E DESIGNATION:  
 Tax Lot(s): 5  
 E-No: E-233  
 Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP058K  
 Ulurp Number: 090336ZMK  
 Zoning Map No: 16d 17b 22c 23a  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 314  
 Census Tract: 788  
 Census Block: 3002

**Actual:**  
**26 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 5, TAXBLOCK 5227 (Continued)**

**S109942651**

School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: K1  
Land Use Category: 05  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: ENFELI ASSOCIATES INC  
Lot Area: 000002415  
Total Building Floor Area: 00000002400  
Commercial Floor Area: 00000002400  
Office Floor Area: 00000000000  
Retail Floor Area: 00000002400  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area, Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0032.00  
Lot Depth: 0086.33  
Building Frontage: 0032.00  
Building Depth: 0086.33  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 4  
Basement Type Grade: 5  
Land Assessed Value: 00000028575  
Total Assessed Value: 00000066150  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.99  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052270005  
Condominium Number: 00000  
Census Tract 2: 0788

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 5, TAXBLOCK 5227 (Continued)**

**S109942651**

X Coordinate: 0997509  
Y Coordinate: 0171563  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

13  
South  
< 1/8  
0.078 mi.  
410 ft.

**MANHOLE 3607  
FLAT BUSH AV/FARRAGUT RD  
BROOKLYN, NY**

**NY Spills S106126127  
N/A**

**Relative:  
Higher**

**SPILLS:**

**Actual:  
24 ft.**

Facility ID: 0307873  
DER Facility ID: 235495  
Facility Type: ER  
Site ID: 290834  
DEC Region: 2  
Spill Number: 0307873  
Spill Date: 10/26/2003  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 12/5/2003  
SWIS: 2401  
Investigator: SKARAKHA  
Referred To: Not reported  
Reported to Dept: 10/27/2003  
CID: 398  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/27/2003  
Spill Record Last Update: 12/5/2003  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City, St, Zip: NY  
Spiller Company: 999  
Contact Name: RON ELLIOTT  
Contact Phone: (212) 580-6763  
DEC Memo: 26-Oct-2003 09:41 HRS. ENVIR. FLUSH DEPT. MECH-A C.LUGO EMP# 03594

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANHOLE 3607 (Continued)**

**S106126127**

Remarks: REPORTS: WHILE ON LOCATION FOR MAINTENANCE WORK FOUND: APPROX. 1 PT OF UNKNOWN OIL ON APPROX. 400 GALS OF WATER. SPILL IS CONTAINED. OWNER OF SUBSTANCES IS UNKNOWN.NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENVIRONMENTAL TAG #33800 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL & MARKED PRIORITY " E " 24 HR. DEMINIMIS PROGRAM. CHAIN OF CUSTODY# DD-00357. SAMPLE TO BE TAKEN TO ASTORIA CHEM. LAB. CLEANUP PENDING TEST RESULTS. N/P - NITE REG- 3AM-AM TUE-THUR-SAT, METER PARKING 8AM TO 7PM EXCEPT SUN. C.HOGAN 07511cn#1966110-28-03 CLEANUP COMPLETED USING BIO GEN 760. ALL SOLID DEBRIS REMOVED.AMD CON EDISON 150906. SAMPLE TAKEN AND CLEAN UP PENDING. 1 PINT ON 400 GALS OF WATER.

Material:  
 Site ID: 290834  
 Operable Unit ID: 876374  
 Operable Unit: 01  
 Material ID: 501400  
 Material Code: 0066A  
 Material Name: UNKNOWN PETROLEUM  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 1  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:  
 Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

**D14** 2720 REALTY CO.  
**North** 2720 FOSTER AVENUE  
**< 1/8** BKLYN, NY 11210  
**0.084 mi.**  
**445 ft.** Site 1 of 3 in cluster D

**AST** U003388606  
**HIST AST** N/A

**Relative:** AST:  
**Higher** Region: STATE  
 DEC Region: 2  
**Actual:** Site Status: Active  
**25 ft.** Facility Id: 2-254274  
 Program Type: PBS  
 UTM X: 588752.04475  
 UTM Y: 4499116.2320299996  
 Expiration Date: 2017/07/14

Affiliation Records:  
 Site Id: 10334

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2720 REALTY CO. (Continued)**

**U003388606**

Affiliation Type: Owner  
Company Name: 2720 REALTY CO  
Contact Type: PART  
Contact Name: MOSES ELKSTON  
Address1: 1358 47TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 851-7772  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 5/11/2007

Site Id: 10334  
Affiliation Type: Mail Contact  
Company Name: 2720 REALTY CO  
Contact Type: PART  
Contact Name: MOSES ELKSTON  
Address1: 1358 47TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 851-7772  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 5/11/2007

Site Id: 10334  
Affiliation Type: On-Site Operator  
Company Name: 2720 REALTY CO.  
Contact Type: Not reported  
Contact Name: DEXTER CHARLES  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 851-7772  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 5/11/2007

Site Id: 10334  
Affiliation Type: Emergency Contact  
Company Name: 2720 REALTY CO  
Contact Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2720 REALTY CO. (Continued)**

**U003388606**

Contact Name: DAVID LANDAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 851-7772  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 14301  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1940  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KXTANG  
Last Modified: 05/11/2007

HIST AST:

PBS Number: 2-254274  
SWIS Code: 6101  
Operator: JUANA MORALES  
Facility Phone: (718) 851-7772  
Facility Addr2: 2720 FOSTER AVENUE  
Facility Type: APARTMENT BUILDING  
Emergency: DAVID LANDAN  
Emergency Tel: (718) 851-7772  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2720 REALTY CO. (Continued)**

**U003388606**

Result of Inspection: Not reported  
Owner Name: 2720 REALTY CO  
Owner Address: 1358 47TH STREET  
Owner City,St,Zip: BKLYN, NY 11219  
Federal ID: Not reported  
Owner Tel: (718) 851-7772  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: 2720 REALTY CO  
Mailing Address: 1358 47TH STREET  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11219  
Mailing Telephone: (718) 851-7772  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 08/18/1997  
Expiration: 07/14/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 3000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 0  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2720 REALTY CO. (Continued)**

**U003388606**

Deleted: False  
 Updated: True  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**D15**  
**North**  
**< 1/8**  
**0.084 mi.**  
**446 ft.**

**CONSOLIDATED EDISON**  
**FOSTER AVE. & ROGERS AVE.**  
**BROOKLYN, NY**

**MANIFEST S109321261**  
**N/A**

**Site 2 of 3 in cluster D**

**Relative:**  
**Higher**

NY MANIFEST:

**Actual:**  
**25 ft.**

EPA ID: NYP004160735  
 Country: USA  
 Mailing Name: CONSOLIDATED EDISON  
 Mailing Contact: FRANKLYN MURRAY  
 Mailing Address: 4 IRVING PLACE RM 828  
 Mailing Address 2: Not reported  
 Mailing City: NEW YORK  
 Mailing State: NY  
 Mailing Zip: 10003  
 Mailing Zip4: Not reported  
 Mailing Country: USA  
 Mailing Phone: 212-460-2808

Document ID: Not reported  
 Manifest Status: Not reported  
 Trans1 State ID: NYD006982359  
 Trans2 State ID: Not reported  
 Generator Ship Date: 2008-08-27  
 Trans1 Recv Date: 2008-08-27  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2008-08-29  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYP004160735  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: NYD077444263  
 Waste Code: Not reported  
 Quantity: 100.0  
 Units: K - Kilograms (2.2 pounds)  
 Number of Containers: 2.0  
 Container Type: DM - Metal drums, barrels  
 Handling Method: L Landfill.  
 Specific Gravity: 1.0  
 Year: 2008  
 Manifest Tracking Num: 001451285FLE  
 Import Ind: N  
 Export Ind: N  
 Discr Quantity Ind: N  
 Discr Type Ind: N  
 Discr Residue Ind: N  
 Discr Partial Reject Ind: N  
 Discr Full Reject Ind: N  
 Manifest Ref Num: Not reported  
 Alt Fac RCRA Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S109321261**

Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-08-27  
Trans1 Recv Date: 2008-08-27  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-08-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004160735  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 100.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 001451285FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

**D16**  
**North**  
**< 1/8**  
**0.084 mi.**  
**446 ft.**

**CONSOLIDATED EDISON**  
**ROGERS AVE & FOSTER AVE**  
**BROOKLYN, NY**  
**Site 3 of 3 in cluster D**

**MANIFEST S109155702**  
**N/A**

**Relative:**  
**Higher**

NY MANIFEST:  
EPA ID: NYP004158598  
Country: USA  
Mailing Name: CONSOLIDATED EDISON  
Mailing Contact: FRANKLIN MURRAY  
Mailing Address: 4 IRVING PL RM 828  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10003  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-460-2808

**Actual:**  
**25 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S109155702**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-05-24  
Trans1 Recv Date: 2008-05-24  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-05-28  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004158598  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 200.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 001451438FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-05-23  
Trans1 Recv Date: 2008-05-23  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-05-28  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004158598  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 300.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S109155702**

Year: 2008  
Manifest Tracking Num: 001450705FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-05-24  
Trans1 Recv Date: 2008-05-24  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-05-28  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004158598  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 200.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0

Year: 2008  
Manifest Tracking Num: 001451438FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-05-23  
Trans1 Recv Date: 2008-05-23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CONSOLIDATED EDISON (Continued)

S109155702

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-05-28  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004158598  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 300.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 001450705FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-05-23  
Trans1 Recv Date: 2008-05-23  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-05-28  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004158598  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 300.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 3.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 001450705FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S109155702**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-24
Trans1 Recv Date:	2008-05-24
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-28
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004158598
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	NYD077444263
Waste Code:	Not reported
Quantity:	200.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001451438FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

**E17**  
**WSW**  
 < 1/8  
 0.090 mi.  
 475 ft.

**SAFI AND SON CORP.**  
**567 EAST 26TH STREET**  
**BROOKLYN, NY 11210**

**AST A100295910**  
**N/A**

**Site 1 of 2 in cluster E**

**Relative:**  
**Higher**

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608202
Program Type:	PBS
UTM X:	588573.16787999996
UTM Y:	4498967.5444

**Actual:**  
 26 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAFI AND SON CORP. (Continued)**

**A100295910**

Expiration Date: 2013/01/30

Affiliation Records:

Site Id: 30054  
Affiliation Type: Owner  
Company Name: NAZIEMUL SAFI  
Contact Type: OWNER/PRESIDENT  
Contact Name: NAZIEMUL SAFI  
Address1: 1383 E 14 ST  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230  
Country Code: 001  
Phone: (718) 375-8099  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 11/26/2007

Site Id: 30054  
Affiliation Type: Mail Contact  
Company Name: SAFI AND SON CORP.  
Contact Type: Not reported  
Contact Name: NAZIEMUL SAFI  
Address1: 1383 EAST 14TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230  
Country Code: 001  
Phone: (718) 375-8099  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30054  
Affiliation Type: On-Site Operator  
Company Name: SAFI AND SON CORP.  
Contact Type: Not reported  
Contact Name: OSWALDO NENDOZA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (347) 350-7296  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 11/26/2007

Site Id: 30054

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAFI AND SON CORP. (Continued)**

**A100295910**

Affiliation Type: Emergency Contact  
Company Name: NAZIEMUL SAFI  
Contact Type: Not reported  
Contact Name: NAZIEMUL SAFI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (347) 723-5386  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
I04 - Overfill - Product Level Gauge (A/G)  
B05 - Tank External Protection - Jacketed  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Info:

Tank Number: 001  
Tank Id: 64887  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 05/29/1958  
Capacity Gallons: 2500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KXTANG  
Last Modified: 11/26/2007

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**E18**  
**WSW**  
**< 1/8**  
**0.091 mi.**  
**479 ft.**

**554 PROPERTY CO**  
**554 E 26TH ST**  
**BROOKLYN, NY 11210**

**Site 2 of 2 in cluster E**

**TANKS**    **S110771866**  
**N/A**

**Relative:**    TANKS:  
**Higher**      Facility Id:            2-374903  
                  Region:                STATE  
**Actual:**      DEC Region:            2  
**26 ft.**         Site Status:            Active  
                  Program Type:        PBS  
                  Expiration Date:     2012/10/02  
                  UTM X:                588594.12656  
                  UTM Y:                4498957.4776900001

**19**  
**West**  
**< 1/8**  
**0.092 mi.**  
**487 ft.**

**LOT 56,TAXBLOCK 5225**  
**538 EAST 26 STREET**  
**BROOKLYN, NY 11210**

**E DESIGNATION**    **S109942682**  
**N/A**

**Relative:**    E DESIGNATION:  
**Higher**      Tax Lot(s):            56  
                  E-No:                 E-233  
**Actual:**      Effective Date:        7/29/2009  
**27 ft.**         Satisfaction Date:    Not reported  
                  Ceqr Number:        09DCP058K  
                  Ulurp Number:       090336ZMK  
                  Zoning Map No:      16d 17b 22c 23a  
                  Description:         Hazardous Materials\* Phase I and Phase II Testing Protocol  
                  Borough Code:       BK  
                  Community District: 314  
                  Census Tract:        770  
                  Census Block:        2001  
                  School District:     22  
                  City Council District: 45  
                  Fire Company:        E281  
                  Health Area:         35  
                  Police Precinct:     070  
                  Zone District 1:      R6  
                  Zone District 2:      Not reported  
                  Commercial Overlay1: C2-3  
                  Commercial Overlay2: Not reported  
                  Special Purpose District1: Not reported  
                  Special Purpose District2: Not reported  
                  All Components1:    C2-3/R6  
                  All Components2:    Not reported  
                  Split Boundary Indicator: N  
                  Building Class:      C0  
                  Land Use Category:   02  
                  Number of Easements: 0  
                  Owner, Type of Code: Not reported  
                  Owner Name:         R & F MC MAHON  
                  Lot Area:             000005000  
                  Total Building Floor Area: 00000002964  
                  Commercial Floor Area: 00000000000  
                  Office Floor Area:    00000000000  
                  Retail Floor Area:    00000000000  
                  Garage Floor Area:    00000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 56,TAXBLOCK 5225 (Continued)**

**S109942682**

Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0050.00  
Lot Depth: 0100.00  
Building Frontage: 0027.00  
Building Depth: 0050.00  
Proximity Code: 1  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000002939  
Total Assessed Value: 00000024192  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1899  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.59  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052250056  
Condominium Number: 00000  
Census Tract 2: 0770  
X Coordinate: 0997318  
Y Coordinate: 0171456  
Zoning Map: 23A  
Sanborn Map: 313 011  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

F20  
NNE  
< 1/8  
0.101 mi.  
532 ft.

HPS HOLDINGS CO., LLC  
2810 FOSTER AVENUE  
BROOKLYN, NY 11220

AST A100292003  
N/A

Site 1 of 2 in cluster F

Relative:  
Higher

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608868  
Program Type: PBS  
UTM X: 588742.46346  
UTM Y: 4499146.8629400004  
Expiration Date: 2013/06/27

Actual:  
24 ft.

Affiliation Records:

Site Id: 30716  
Affiliation Type: Mail Contact  
Company Name: HPS HOLDINGS CO., LLC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: C/O METROPOLITAN PROPERTY SERVICES, INC.  
Address2: 141-50 85TH RD.  
City: BRIARWOOD  
State: NY  
Zip Code: 11435  
Country Code: 001  
Phone: (718) 658-1300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 2/4/2008

Site Id: 30716  
Affiliation Type: On-Site Operator  
Company Name: HPS HOLDINGS CO., LLC  
Contact Type: Not reported  
Contact Name: HALIL LJESNJANIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 658-1300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 2/4/2008

Site Id: 30716  
Affiliation Type: Emergency Contact  
Company Name: HPS HOLDINGS CO., LLC  
Contact Type: Not reported  
Contact Name: HALIL LJESNJANIN  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HPS HOLDINGS CO., LLC (Continued)**

**A100292003**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 658-1300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 2/4/2008

Site Id: 30716  
Affiliation Type: Owner  
Company Name: HPS HOLDINGS CO., LLC  
Contact Type: AGENT  
Contact Name: BENJAMIN SCHWARTZ  
Address1: 141-50 85TH RD.  
Address2: Not reported  
City: BRIARWOOD  
State: NY  
Zip Code: 11435  
Country Code: 001  
Phone: (718) 658-1300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 2/4/2008

Equipment Records:

C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None  
I03 - Overfill - Automatic Shut-Off  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
D00 - Pipe Type - No Piping  
F06 - Pipe External Protection - Wrapped  
G00 - Tank Secondary Containment - None

Tank Info:

Tank Number: 001  
Tank Id: 65893  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1927  
Capacity Gallons: 1500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: msbaptis

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HPS HOLDINGS CO., LLC (Continued)

A100292003

Last Modified: 02/13/2008

F21  
NNE  
< 1/8  
0.103 mi.  
544 ft.

2818 FOSTER AVE  
2818 FOSTER AVENUE  
BROOKLYN, NY 11210  
Site 2 of 2 in cluster F

AST A100292007  
N/A

Relative:  
Higher

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608892  
Program Type: PBS  
UTM X: 588748.88352999999  
UTM Y: 4499147.4946400002  
Expiration Date: 2014/03/30

Actual:  
24 ft.

Affiliation Records:

Site Id: 30740  
Affiliation Type: Owner  
Company Name: FH CONSULTANTS  
Contact Type: AGENT  
Contact Name: KENNETH COHEN  
Address1: 145 COACH LANE  
Address2: Not reported  
City: LEVITTOWN  
State: NY  
Zip Code: 11756  
Country Code: 001  
Phone: (516) 983-6202  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 8/17/2009

Site Id: 30740  
Affiliation Type: Mail Contact  
Company Name: SHINDA MGT.CORP  
Contact Type: Not reported  
Contact Name: MR KENNETH COHEN  
Address1: 217-02 JAMAICA AVE.  
Address2: Not reported  
City: QUEENS VILLAGE  
State: NY  
Zip Code: 11428  
Country Code: 001  
Phone: (718) 740-0416  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 9/10/2009

Site Id: 30740  
Affiliation Type: On-Site Operator  
Company Name: 2818 FOSTER AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2818 FOSTER AVE (Continued)**

**A100292007**

Contact Type: Not reported  
Contact Name: FREDRICK WEDIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 983-6202  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 8/17/2009

Site Id: 30740  
Affiliation Type: Emergency Contact  
Company Name: FH CONSULTANTS  
Contact Type: Not reported  
Contact Name: FREDRICK WEDIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (516) 983-6202  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 8/17/2009

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 65924  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 10/08/1926  
Capacity Gallons: 3000  
Tightness Test Method: NN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2818 FOSTER AVE (Continued)

A100292007

Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 08/17/2009

G22  
ESE  
< 1/8  
0.105 mi.  
556 ft.

576 E. 29TH ST  
576 E. 29TH ST  
BROOKLYN, NY

LTANKS S101174534  
HIST LTANKS N/A

Site 1 of 2 in cluster G

Relative:  
Higher

LTANKS:

Site ID: 143121  
Spill No: 9404082  
Spill Date: 5/23/1994  
Spill Cause: Tank Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Actual:  
24 ft.

Spill Closed Dt: 6/23/1994  
Facility Addr2: Not reported  
Cleanup Ceased: 6/23/1994  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: SMMARTIN  
Referred To: Not reported  
Reported to Dept: 6/23/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 7/27/1994  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: CHIMENTO RES.  
Spiller Address: 576 E. 29TH ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 122069  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"MARTINKAT"

Remarks: SPILL CONTAINED ON CONCRETE FLOOR- REPAIR & CLEANUP ARE DONE

Material:

Site ID: 143121  
Operable Unit ID: 997922  
Operable Unit: 01  
Material ID: 384233

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**576 E. 29TH ST (Continued)**

**S101174534**

Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 9404082  
Spill Date: 05/23/1994  
Spill Time: 12:30  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 06/23/94  
Cleanup Ceased: 06/23/94  
Cleanup Meets Standard: True  
Investigator: MARTINKAT  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 06/23/94  
Reported to Department Time: 09:10  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: CHIMENTO RES.  
Spiller Address: 576 E. 29TH ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

576 E. 29TH ST (Continued)

S101174534

Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/27/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: SPILL CONTAINED ON CONCRETE FLOOR- REPAIR CLEANUP ARE DONE

H23  
WNW  
< 1/8  
0.110 mi.  
581 ft.

LOT 13,TAXBLOCK 5227  
1357 FLATBUSH AVENUE EXT  
BROOKLYN, NY 11210  
Site 1 of 3 in cluster H

E DESIGNATION S109942221  
N/A

Relative:  
Higher

E DESIGNATION:  
Tax Lot(s): 13  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 788

Actual:  
27 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 5227 (Continued)**

**S109942221**

Census Block: 3002  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: G9  
Land Use Category: 07  
Number of Easements: 0  
Owner, Type of Code: P  
Owner Name: BOCK, CHARLES D  
Lot Area: 000005425  
Total Building Floor Area: 00000001096  
Commercial Floor Area: 00000001096  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000001096  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00002  
Lot Frontage: 0069.50  
Lot Depth: 0124.25  
Building Frontage: 0014.00  
Building Depth: 0014.00  
Proximity Code: 0  
Irregular Lot Code: Y  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000073350  
Total Assessed Value: 00000082800  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.20  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052270013  
Condominium Number: 00000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 13,TAXBLOCK 5227 (Continued)**

**S109942221**

Census Tract 2: 0788  
X Coordinate: 0997389  
Y Coordinate: 0171673  
Zoning Map: 23A  
Sanborn Map: 315 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

**G24  
ESE  
< 1/8  
0.110 mi.  
583 ft.**

**584 REALTY LLC  
584 EAST 29TH STREET  
BROOKLYN, NY 11219  
Site 2 of 2 in cluster G**

**AST A100173320  
N/A**

**Relative:  
Lower  
Actual:  
23 ft.**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-209546  
Program Type: PBS  
UTM X: 588914.87566999998  
UTM Y: 4498912.4030799996  
Expiration Date: 2015/11/14

Affiliation Records:  
Site Id: 7537  
Affiliation Type: Owner  
Company Name: (584 REALTY) SOLOMON LANDAU  
Contact Type: OWNER  
Contact Name: SOLOMON LANDAU  
Address1: 1274 49TH ST. #235  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 435-3131  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 8/30/2010

Site Id: 7537  
Affiliation Type: Mail Contact  
Company Name: 584 REALTY LLC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 1274 49TH ST.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**584 REALTY LLC (Continued)**

**A100173320**

Address2: #235  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 435-3131  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 7537  
Affiliation Type: On-Site Operator  
Company Name: 584 REALTY LLC  
Contact Type: Not reported  
Contact Name: MR. HENG  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-9660  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 7537  
Affiliation Type: Emergency Contact  
Company Name: (584 REALTY) SOLOMON ZANDAU  
Contact Type: Not reported  
Contact Name: MR. HENG  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-9660  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
J01 - Dispenser - Submersible  
F00 - Pipe External Protection - None  
I00 - Overfill - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
C01 - Pipe Location - Aboveground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**584 REALTY LLC (Continued)**

**A100173320**

H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 18644  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1980  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: CGFREEDM  
Last Modified: 08/30/2010

H25  
WNW  
< 1/8  
0.112 mi.  
592 ft.

1357 FLATBUSH AVE  
1357 FLATBUSH AVE  
BROOKLYN, NY  
Site 2 of 3 in cluster H

LTANKS S107789146  
N/A

Relative:  
Higher

LTANKS:

Actual:  
27 ft.

Site ID: 362412  
Spill No: 0600423  
Spill Date: 4/11/2006  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 4/27/2006  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JMKRIMGO  
Referred To: Not reported  
Reported to Dept: 4/11/2006  
CID: 408  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 4/11/2006  
Spill Record Last Update: 4/27/2006  
Spiller Name: MATT BOECKEL  
Spiller Company: Not reported  
Spiller Address: 1357 FLATBUSH AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: MATT BOECKEL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1357 FLATBUSH AVE (Continued)**

**S107789146**

Spiller Phone: (631) 767-0484  
 Spiller Extension: Not reported  
 DEC Region: 2  
 DER Facility ID: 312678  
 DEC Memo: Sangesland will send a CSL.04/24/06-Hiralkumar Patel. spill reported again by FD. new Spill # 0600910. Refer new spill #. case closed.  
 Remarks: IN THE PROCESS OF PULLING 4 USTS, FOUND CONTAMINATED SOIL, HAS NOT BEEN CLEANED UP, EXCAVATION AND STOCKPILLING WITHH BE DONE

**Material:**

Site ID: 362412  
 Operable Unit ID: 1120513  
 Operable Unit: 01  
 Material ID: 2110005  
 Material Code: 0009  
 Material Name: Gasoline  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: Not reported  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

**Tank Test:**

Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

**I26**  
**South**  
**< 1/8**  
**0.112 mi.**  
**593 ft.**

**LOT 51,TAXBLOCK 5249**  
**1444 FLATBUSH AVENUE**  
**BROOKLYN, NY 11210**

**E DESIGNATION S109942664**  
**N/A**

**Site 1 of 3 in cluster I**

**Relative:**  
**Higher**

**E DESIGNATION:**  
 Tax Lot(s): 51  
 E-No: E-233  
**Actual:** Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP058K  
 Ulurp Number: 090336ZMK  
 Zoning Map No: 16d 17b 22c 23a  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 314  
 Census Tract: 770  
 Census Block: 1000  
 School District: 22

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 51,TAXBLOCK 5249 (Continued)**

**S109942664**

City Council District: 45  
Fire Company: E281  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: S1  
Land Use Category: 04  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: JOSEPH CAMILLIERI  
Lot Area: 000002000  
Total Building Floor Area: 00000002200  
Commercial Floor Area: 00000001100  
Office Floor Area: 00000000000  
Retail Floor Area: 00000001100  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00001  
Number of Floors: 002.00  
Residential Units: 00001  
Non and Residential Units: 00002  
Lot Frontage: 0020.00  
Lot Depth: 0100.00  
Building Frontage: 0020.00  
Building Depth: 0055.00  
Proximity Code: 0  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000004050  
Total Assessed Value: 00000017040  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.10  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052490051  
Condominium Number: 00000  
Census Tract 2: 0770  
X Coordinate: 0997893

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 51,TAXBLOCK 5249 (Continued)**

**S109942664**

Y Coordinate: 0170764  
 Zoning Map: 23A  
 Sanborn Map: 313 001  
 Tax Map: 31605  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**H27  
 WNW  
 < 1/8  
 0.114 mi.  
 601 ft.**

**LOT 49,TAXBLOCK 5225  
 1332 FLATBUSH AVENUE  
 BROOKLYN, NY 11210**

**E DESIGNATION S109942631  
 N/A**

**Site 3 of 3 in cluster H**

**Relative:  
 Higher**

**E DESIGNATION:**  
 Tax Lot(s): 49  
 E-No: E-233  
**Actual:** Effective Date: 7/29/2009  
 Satisfaction Date: Not reported  
 Ceqr Number: 09DCP058K  
 Ulurp Number: 090336ZMK  
 Zoning Map No: 16d 17b 22c 23a  
 Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
 Borough Code: BK  
 Community District: 314  
 Census Tract: 770  
 Census Block: 2001  
 School District: 22  
 City Council District: 45  
 Fire Company: E281  
 Health Area: 35  
 Police Precinct: 070  
 Zone District 1: R6  
 Zone District 2: Not reported  
 Commercial Overlay1: C2-3  
 Commercial Overlay2: Not reported  
 Special Purpose District1: Not reported  
 Special Purpose District2: Not reported  
 All Components1: C2-3/R6  
 All Components2: Not reported  
 Split Boundary Indicator: N  
 Building Class: K1  
 Land Use Category: 05  
 Number of Easements: 0  
 Owner, Type of Code: P  
 Owner Name: BOCK REALTY CORP C/O  
 Lot Area: 000009263  
 Total Building Floor Area: 00000005400  
 Commercial Floor Area: 00000005400  
 Office Floor Area: 00000000000  
 Retail Floor Area: 00000005400

**Actual:  
 27 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 49,TAXBLOCK 5225 (Continued)**

**S109942631**

Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 001.00  
Residential Units: 00000  
Non and Residential Units: 00001  
Lot Frontage: 0116.00  
Lot Depth: 0100.00  
Building Frontage: 0090.00  
Building Depth: 0060.00  
Proximity Code: 1  
Irregular Lot Code: Y  
Lot Type: 5  
Basement Type Grade: 5  
Land Assessed Value: 00000091350  
Total Assessed Value: 00000160650  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000013500  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 2002  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.58  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052250049  
Condominium Number: 00000  
Census Tract 2: 0770  
X Coordinate: 0997291  
Y Coordinate: 0171560  
Zoning Map: 23A  
Sanborn Map: 313 011  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**I28**  
**South**  
**< 1/8**  
**0.115 mi.**  
**608 ft.**

**LOT 52,TAXBLOCK 5249**  
**1446 FLATBUSH AVENUE**  
**BROOKLYN, NY 11210**

**E DESIGNATION**    **S109942668**  
**N/A**

**Site 2 of 3 in cluster I**

**Relative:**  
**Higher**

**E DESIGNATION:**

**Actual:**  
**24 ft.**

Tax Lot(s):	52
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	770
Census Block:	1000
School District:	22
City Council District:	45
Fire Company:	E281
Health Area:	35
Police Precinct:	070
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	S1
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	JOSEPH CAMILLIERI
Lot Area:	000002000
Total Building Floor Area:	00000002200
Commercial Floor Area:	00000001100
Office Floor Area:	00000000000
Retail Floor Area:	00000001100
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00001
Non and Residential Units:	00002
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 52,TAXBLOCK 5249 (Continued)**

**S109942668**

Basement Type Grade: 5  
 Land Assessed Value: 00000004050  
 Total Assessed Value: 00000017040  
 Land Exempt Value: 00000000000  
 Total Exempt Value: 00000000000  
 Year Built: 1933  
 Year Built Code: Not reported  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0001.10  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3052490052  
 Condominium Number: 00000  
 Census Tract 2: 0770  
 X Coordinate: 0997927  
 Y Coordinate: 0170765  
 Zoning Map: 23A  
 Sanborn Map: 313 001  
 Tax Map: 31605  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**J29**  
**SW**  
**< 1/8**  
**0.118 mi.**  
**621 ft.**

**2601 FARRAGUT RD,BKLYN NY**  
**2601 FARRAGUT RD**  
**BKLYN, NY 11210**  
**Site 1 of 3 in cluster J**

**AST U003388684**  
**HIST AST N/A**

**Relative:**  
**Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-278858  
 Program Type: PBS  
 UTM X: 588641.36273000005  
 UTM Y: 4498836.6440700004  
 Expiration Date: 2017/07/14

**Actual:**  
**25 ft.**

Affiliation Records:  
 Site Id: 12110  
 Affiliation Type: Owner  
 Company Name: FARRAGUT L.L.C.  
 Contact Type: MEMBER  
 Contact Name: ROBERT SOLOMON  
 Address1: P.O. BOX 100786  
 Address2: Not reported  
 City: BROOKLYN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2601 FARRAGUT RD,BKLYN NY (Continued)**

**U003388684**

State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 375-6302  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 6/20/2007

Site Id: 12110  
Affiliation Type: Mail Contact  
Company Name: FARRAGUT LLC  
Contact Type: Not reported  
Contact Name: ROBERT SOLOMON  
Address1: P.O. BOX 100786  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-8772  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 7/6/2012

Site Id: 12110  
Affiliation Type: On-Site Operator  
Company Name: 2601 FARRAGUT RD,  
Contact Type: Not reported  
Contact Name: ROBERT SOLOMON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 375-6302  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 7/6/2012

Site Id: 12110  
Affiliation Type: Emergency Contact  
Company Name: FARRAGUT L.L.C.  
Contact Type: Not reported  
Contact Name: RONALD SOLOMON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2601 FARRAGUT RD,BKLYN NY (Continued)**

**U003388684**

Phone: (347) 898-8430  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 7/6/2012

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 14446  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 03/01/1950  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 07/06/2012

HIST AST:

PBS Number: 2-278858  
SWIS Code: 6101  
Operator: ROBERT SOLOMON  
Facility Phone: (718) 859-8772  
Facility Addr2: 2601 FARRAGUT RD  
Facility Type: APARTMENT BUILDING  
Emergency: HASSAN ALI  
Emergency Tel: (718) 434-7868  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: ROBERT SOLOMON, FARRAGUT L.L.C.  
Owner Address: P.O. BOX 100786  
Owner City,St,Zip: BROOKLYN, NY 11210  
Federal ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2601 FARRAGUT RD,BKLYN NY (Continued)**

**U003388684**

Owner Tel: (718) 375-6302  
Owner Type: Federal Government  
Owner Subtype: Not reported  
Mailing Contact: ROBERT SOLOMON  
Mailing Name: ROBERT SOLOMON  
Mailing Address: P.O. BOX 100786  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Telephone: (718) 859-8772  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 07/18/1997  
Expiration: 07/14/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**I30**  
**SSE**  
**< 1/8**  
**0.118 mi.**  
**622 ft.**

**LOT 53,TAXBLOCK 5249**  
**1448 FLATBUSH AVENUE**  
**BROOKLYN, NY 11210**

**E DESIGNATION**    **S109942674**  
**N/A**

**Site 3 of 3 in cluster I**

**Relative:**  
**Higher**

E DESIGNATION:

**Actual:**  
**24 ft.**

Tax Lot(s):	53
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	314
Census Tract:	770
Census Block:	1000
School District:	22
City Council District:	45
Fire Company:	E281
Health Area:	35
Police Precinct:	070
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	S1
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	HECTOR FORBES
Lot Area:	000002000
Total Building Floor Area:	00000002200
Commercial Floor Area:	00000001100
Office Floor Area:	00000000000
Retail Floor Area:	00000001100
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00001
Non and Residential Units:	00002
Lot Frontage:	0020.00
Lot Depth:	0100.00
Building Frontage:	0020.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 53,TAXBLOCK 5249 (Continued)**

**S109942674**

Basement Type Grade: 5  
Land Assessed Value: 00000004050  
Total Assessed Value: 00000017640  
Land Exempt Value: 00000000000  
Total Exempt Value: 00000000000  
Year Built: 1933  
Year Built Code: Not reported  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0001.10  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052490053  
Condominium Number: 00000  
Census Tract 2: 0770  
X Coordinate: 0997917  
Y Coordinate: 0170734  
Zoning Map: 23A  
Sanborn Map: 313 001  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

J31  
SW  
< 1/8  
0.118 mi.  
623 ft.

**MANHOLE #67412**  
**1102-20 FARRAGUT RD**  
**BROOKLYN, NY**  
**Site 2 of 3 in cluster J**

**NY Spills S106007490**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**25 ft.**

**SPILLS:**

Facility ID: 0206169  
DER Facility ID: 83818  
Facility Type: ER  
Site ID: 93493  
DEC Region: 2  
Spill Number: 0206169  
Spill Date: 9/13/2002  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 11/15/2002  
SWIS: 2401  
Investigator: AERODRIG  
Referred To: Not reported  
Reported to Dept: 9/14/2002  
CID: 390  
Water Affected: Not reported  
Spill Source: Commercial/Industrial

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHOLE #67412 (Continued)**

**S106007490**

Spill Notifier: Responsible Party  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 9/14/2002  
Spill Record Last Update: 11/15/2002  
Spiller Name: CALLER  
Spiller Company: CON ED  
Spiller Address: 4 IRVING PLACE  
Spiller City,St,Zip: MANHATTAN, NY 10003  
Spiller Company: 001  
Contact Name: PETE MCGUIRE  
Contact Phone: (212) 580-6763  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"E2MIS NOTES 14507213-SEP-2002 1818HRS R VEGA # 04005 FLUSH DEP REPORTS FOUND 1 PINT DIELECTRIC OIL, NO WATER IN M-67412. FOUND WHILE INSPECTING STRUCTURES FOR FLUSH. NO SEWERS OR WATERWAYS AFFECTED. ITAPPEARS TO BE CONTAINED TO STURCTURE. WILL TAKE SAMPLE ON A 4 TO 6 HOUR E PRIORITY TURN AROUND. CLEANUP PENDING RESULTS.CAN NOT SEE ANY CRACKS IN STRUCTURE WALLS. THIS WILL BE ON THE COMPANY 24 HOUR DIMINIMIS PROGRAM. LEAK COMING FROM SHRINK CAP ON CABLE. PARKING RESTRICTIONS ARE NO PARKING ANYTIME. HE WILL HAG TAG IN STRUCTURE.UPDATE:13-SEP-2002 VEGA REPORTS E/S TAG PLACED IS # 36589. CHAIN OF CUSTODY #IS CC07208. #9 ON WAY TO LOCATION TO CAP CABLE ENDS.UPDATE: 13-SEP-2002 VEGA REPORTS #9 FIXED SHRINK CAP AND STOPPED THE CABLE FROM LEAKING.UPDATE @ 1100hrs 9/14 lab results received seq #02-08596-001 @61ppm pcb. UPDATE 9-14-02 1630 HRS C. LABARBERA MECH"A" FLUSH DEPT REPORTS HE FOUND EARTHEN SUMP. THIS INCIDENT WILL BE TAKEN OFF THE 24 HRS DEMINIMIS PROGRAM. UPDATE:14-SEP-2002 2120 HRS J DECANCHUK O/S REPORTS TWO BARRELS OF SOILD WASTE REMOVED FROM DRY MANHOLE. DIRT SUMP WAS DUG OUT UNTIL CLEAN SOIL FOUND 12". 2 SUMPS SOIL SAMPLES WERE TAKEN TO CHEM LAB FOR TESTING. SUMP WAS SEALED WITH CEMENT. MH WAS DOUBLE WASHED WITH BIO GEN 760. WASTE WAS PUMPED INTO TANKER. TAG REMAINS IN PLACE UNTIL SUMP SAMPLES TEST OK. BARRELS PICKED UP BY ASTORIA TRAN. JOB COMPLETED AT 2100HRS.UPDATE 9-15-02 1525 HRS CHEM LAB 02-08606-001 SOIL COMPOSITE SAMPLE FROM SUMP < 1 PPM UPDATE 9-15-02 1900 HR E. WILLIAMS OS FLUSH DEPT REPORTS CLEANUP IS COMPLETED , SUMP SAMPLE CAME BACK LESS THEN 1PPM. HE REMOVED E.S.TAG # 36589

Remarks: leak from cable ends - 1 pint total leaked to earthen sumpcon ed #145072

Material:  
Site ID: 93493  
Operable Unit ID: 858671  
Operable Unit: 01  
Material ID: 516779  
Material Code: 0541A  
Material Name: DIELECTRIC FLUID  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANHOLE #67412 (Continued)**

**S106007490**

Oxygenate: False

Tank Test:

Site ID: Not reported

Spill Tank Test: Not reported

Tank Number: Not reported

Tank Size: Not reported

Test Method: Not reported

Leak Rate: Not reported

Gross Fail: Not reported

Modified By: Not reported

Last Modified: Not reported

Test Method: Not reported

**K32**  
**SSE**  
**< 1/8**  
**0.121 mi.**  
**638 ft.**

**LOT 15,TAXBLOCK 5251**  
**639 EAST 28 STREET**  
**BROOKLYN, NY 11210**

**E DESIGNATION S109942254**  
**N/A**

**Site 1 of 2 in cluster K**

**Relative:**  
**Higher**

**E DESIGNATION:**

Tax Lot(s): 15

E-No: E-233

Effective Date: 7/29/2009

Satisfaction Date: Not reported

Ceqr Number: 09DCP058K

Ulurp Number: 090336ZMK

Zoning Map No: 16d 17b 22c 23a

Description: Exhaust stack location limitations

Borough Code: BK

Community District: 314

Census Tract: 786

Census Block: 3001

School District: 22

City Council District: 45

Fire Company: L157

Health Area: 35

Police Precinct: 070

Zone District 1: R6

Zone District 2: Not reported

Commercial Overlay1: C2-3

Commercial Overlay2: Not reported

Special Purpose District1: Not reported

Special Purpose District2: Not reported

All Components1: C2-3/R6

All Components2: Not reported

Split Boundary Indicator: N

Building Class: B2

Land Use Category: 01

Number of Easements: 0

Owner, Type of Code: Not reported

Owner Name: EVERTON KING

Lot Area: 000002800

Total Building Floor Area: 00000002728

Commercial Floor Area: 00000000000

Office Floor Area: 00000000000

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5251 (Continued)**

**S109942254**

Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0028.00  
Lot Depth: 0100.00  
Building Frontage: 0022.00  
Building Depth: 0054.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000002517  
Total Assessed Value: 00000018635  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.97  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052510015  
Condominium Number: 00000  
Census Tract 2: 0786  
X Coordinate: 0998251  
Y Coordinate: 0170676  
Zoning Map: 23A  
Sanborn Map: 315 002  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 15  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5251 (Continued)**

**S109942254**

Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 786  
Census Block: 3001  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B2  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: EVERTON KING  
Lot Area: 000002800  
Total Building Floor Area: 00000002728  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0028.00  
Lot Depth: 0100.00  
Building Frontage: 0022.00  
Building Depth: 0054.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000002517  
Total Assessed Value: 00000018635  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.97

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5251 (Continued)**

**S109942254**

Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052510015  
Condominium Number: 00000  
Census Tract 2: 0786  
X Coordinate: 0998251  
Y Coordinate: 0170676  
Zoning Map: 23A  
Sanborn Map: 315 002  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 15  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water  
Borough Code: BK  
Community District: 314  
Census Tract: 786  
Census Block: 3001  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: B2  
Land Use Category: 01  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: EVERTON KING  
Lot Area: 000002800  
Total Building Floor Area: 00000002728  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 15,TAXBLOCK 5251 (Continued)**

**S109942254**

Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00002  
Non and Residential Units: 00002  
Lot Frontage: 0028.00  
Lot Depth: 0100.00  
Building Frontage: 0022.00  
Building Depth: 0054.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000002517  
Total Assessed Value: 00000018635  
Land Exempt Value: 00000001430  
Total Exempt Value: 00000001430  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.97  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052510015  
Condominium Number: 00000  
Census Tract 2: 0786  
X Coordinate: 0998251  
Y Coordinate: 0170676  
Zoning Map: 23A  
Sanborn Map: 315 002  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**K33**  
**SSE**  
**< 1/8**  
**0.122 mi.**  
**646 ft.**

**LOT 14,TAXBLOCK 5251**  
**641 EAST 28 STREET**  
**BROOKLYN, NY 11210**

**E DESIGNATION**    **S109942234**  
**N/A**

**Site 2 of 2 in cluster K**

**Relative:**  
**Lower**

E DESIGNATION:

**Actual:**  
**23 ft.**

Tax Lot(s):	14
E-No:	E-233
Effective Date:	7/29/2009
Satisfaction Date:	Not reported
Ceqr Number:	09DCP058K
Ulurp Number:	090336ZMK
Zoning Map No:	16d 17b 22c 23a
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	BK
Community District:	314
Census Tract:	786
Census Block:	3001
School District:	22
City Council District:	45
Fire Company:	L157
Health Area:	35
Police Precinct:	070
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-3
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-3/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C0
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	AMOS L WALKER
Lot Area:	000003200
Total Building Floor Area:	00000002728
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00002
Number of Floors:	002.50
Residential Units:	00003
Non and Residential Units:	00003
Lot Frontage:	0032.00
Lot Depth:	0100.00
Building Frontage:	0022.00
Building Depth:	0054.00
Proximity Code:	2
Irregular Lot Code:	N
Lot Type:	5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 14,TAXBLOCK 5251 (Continued)**

**S109942234**

Basement Type Grade: 2  
Land Assessed Value: 00000003072  
Total Assessed Value: 00000019321  
Land Exempt Value: 00000003072  
Total Exempt Value: 00000006260  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.85  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052510014  
Condominium Number: 00000  
Census Tract 2: 0786  
X Coordinate: 0998222  
Y Coordinate: 0170642  
Zoning Map: 23A  
Sanborn Map: 315 002  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006  
Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1  
  
Tax Lot(s): 14  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Exhaust stack location limitations  
Borough Code: BK  
Community District: 314  
Census Tract: 786  
Census Block: 3001  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 14,TAXBLOCK 5251 (Continued)**

**S109942234**

All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C0  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: AMOS L WALKER  
Lot Area: 000003200  
Total Building Floor Area: 00000002728  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0032.00  
Lot Depth: 0100.00  
Building Frontage: 0022.00  
Building Depth: 0054.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2  
Land Assessed Value: 00000003072  
Total Assessed Value: 00000019321  
Land Exempt Value: 00000003072  
Total Exempt Value: 00000006260  
Year Built: 1920  
Year Built Code: E  
Year Altered1: 0000  
Year Altered2: 0000  
Historic District Name: Not reported  
Landmark Name: Not reported  
Built Floor Area Ratio-Far: 0000.85  
Maximum Allowable Far: 02.43  
Borough Code: 3  
Borough Tax Block And Lot: 3052510014  
Condominium Number: 00000  
Census Tract 2: 0786  
X Coordinate: 0998222  
Y Coordinate: 0170642  
Zoning Map: 23A  
Sanborn Map: 315 002  
Tax Map: 31605  
E Designation No: Not reported  
Date of RPAD Data: 11/2005  
Date of DCAS Data: 01/2006  
Date of Zoning Data: 11/2005  
Date of Major Property Data: 11/2005  
Date of Landmark Data: 12/2005  
Date of Base Map Data: 01/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOT 14,TAXBLOCK 5251 (Continued)**

**S109942234**

Date of Mass Appraisal Data: 11/2005  
Date of Political and Adm Data: 08/2005  
Pluto-Base Map Indicator: 1

Tax Lot(s): 14  
E-No: E-233  
Effective Date: 7/29/2009  
Satisfaction Date: Not reported  
Ceqr Number: 09DCP058K  
Ulurp Number: 090336ZMK  
Zoning Map No: 16d 17b 22c 23a  
Description: Hazardous Materials\* Phase I and Phase II Testing Protocol  
Borough Code: BK  
Community District: 314  
Census Tract: 786  
Census Block: 3001  
School District: 22  
City Council District: 45  
Fire Company: L157  
Health Area: 35  
Police Precinct: 070  
Zone District 1: R6  
Zone District 2: Not reported  
Commercial Overlay1: C2-3  
Commercial Overlay2: Not reported  
Special Purpose District1: Not reported  
Special Purpose District2: Not reported  
All Components1: C2-3/R6  
All Components2: Not reported  
Split Boundary Indicator: N  
Building Class: C0  
Land Use Category: 02  
Number of Easements: 0  
Owner, Type of Code: Not reported  
Owner Name: AMOS L WALKER  
Lot Area: 000003200  
Total Building Floor Area: 00000002728  
Commercial Floor Area: 00000000000  
Office Floor Area: 00000000000  
Retail Floor Area: 00000000000  
Garage Floor Area: 00000000000  
Storage Floor Area: 00000000000  
Factory Floor Area: 00000000000  
Other Floor Area: 00000000000  
Floor Area,Total Bld Source Code7  
Number of Buildings: 00002  
Number of Floors: 002.50  
Residential Units: 00003  
Non and Residential Units: 00003  
Lot Frontage: 0032.00  
Lot Depth: 0100.00  
Building Frontage: 0022.00  
Building Depth: 0054.00  
Proximity Code: 2  
Irregular Lot Code: N  
Lot Type: 5  
Basement Type Grade: 2

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOT 14,TAXBLOCK 5251 (Continued)**

**S109942234**

Land Assessed Value: 00000003072  
 Total Assessed Value: 00000019321  
 Land Exempt Value: 00000003072  
 Total Exempt Value: 00000006260  
 Year Built: 1920  
 Year Built Code: E  
 Year Altered1: 0000  
 Year Altered2: 0000  
 Historic District Name: Not reported  
 Landmark Name: Not reported  
 Built Floor Area Ratio-Far: 0000.85  
 Maximum Allowable Far: 02.43  
 Borough Code: 3  
 Borough Tax Block And Lot: 3052510014  
 Condominium Number: 00000  
 Census Tract 2: 0786  
 X Coordinate: 0998222  
 Y Coordinate: 0170642  
 Zoning Map: 23A  
 Sanborn Map: 315 002  
 Tax Map: 31605  
 E Designation No: Not reported  
 Date of RPAD Data: 11/2005  
 Date of DCAS Data: 01/2006  
 Date of Zoning Data: 11/2005  
 Date of Major Property Data: 11/2005  
 Date of Landmark Data: 12/2005  
 Date of Base Map Data: 01/2006  
 Date of Mass Appraisal Data: 11/2005  
 Date of Political and Adm Data: 08/2005  
 Pluto-Base Map Indicator: 1

**J34  
 SW  
 < 1/8  
 0.125 mi.  
 658 ft.**

**600 REALTY LLC.  
 600 EAST 26TH STREET  
 BROOKLYN, NY 11226  
 Site 3 of 3 in cluster J**

**AST A100154002  
 N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-604184  
 Program Type: PBS  
 UTM X: 587765.74432000006  
 UTM Y: 4498804.1472199997  
 Expiration Date: 2014/08/09

**Actual:  
 25 ft.**

Affiliation Records:  
 Site Id: 26064  
 Affiliation Type: Owner  
 Company Name: 600 REALTY LLC  
 Contact Type: AGENT  
 Contact Name: DAVID HOCH  
 Address1: P.O.B. 190-525  
 Address2: Not reported  
 City: BROOKLYN  
 State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**600 REALTY LLC. (Continued)**

**A100154002**

Zip Code: 11219  
Country Code: 001  
Phone: (718) 851-9384  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 8/17/2004

Site Id: 26064  
Affiliation Type: Mail Contact  
Company Name: 600 REALTY LLC.  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: P.O.B. 190-525  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219-0525  
Country Code: 001  
Phone: (718) 851-9384  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 26064  
Affiliation Type: On-Site Operator  
Company Name: 600 REALTY LLC.  
Contact Type: Not reported  
Contact Name: JOSE ROMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 434-0794  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 26064  
Affiliation Type: Emergency Contact  
Company Name: 600 REALTY LLC  
Contact Type: Not reported  
Contact Name: DAVID HOCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 851-9384

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**600 REALTY LLC. (Continued)**

**A100154002**

Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner  
H05 - Tank Leak Detection - In-Tank System (ATG)  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
I02 - Overfill - High Level Alarm  
B01 - Tank External Protection - Painted/Asphalt Coating  
C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Info:

Tank Number: 001  
Tank Id: 56911  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 08/01/1973  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 06/04/2009

35  
NW  
1/8-1/4  
0.129 mi.  
680 ft.

**EVELYN COURT  
2530 FOSTER AVENUE  
BROOKLYN, NY 11210**

**AST U003384684  
HIST AST N/A**

**Relative:  
Higher**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-092584  
Program Type: PBS  
UTM X: 588583.42182000005  
UTM Y: 4499109.0757799996  
Expiration Date: 2012/05/07

**Actual:  
28 ft.**

Affiliation Records:

Site Id: 2395  
Affiliation Type: Owner  
Company Name: JOSEPH & JEANETTE STANISLAUS  
Contact Type: OWNER  
Contact Name: JOSEPH STANISLAUS  
Address1: 2524 FOSTER AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVELYN COURT (Continued)**

**U003384684**

Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 462-2689  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/16/2007

Site Id: 2395  
Affiliation Type: Mail Contact  
Company Name: JOSEPH & JEANETTE STANISLAUS  
Contact Type: OWNER  
Contact Name: JOSEPH STANISLAUS  
Address1: 2524 FOSTER AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 462-2689  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/16/2007

Site Id: 2395  
Affiliation Type: On-Site Operator  
Company Name: EVELYN COURT  
Contact Type: Not reported  
Contact Name: JOSEPH STANISLAUS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-2689  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 2395  
Affiliation Type: Emergency Contact  
Company Name: JOSEPH & JEANETTE STANISLAUS  
Contact Type: Not reported  
Contact Name: VICTOR SERVIS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVERLYN COURT (Continued)**

**U003384684**

Zip Code: Not reported  
Country Code: 001  
Phone: (718) 763-7201  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
G03 - Tank Secondary Containment - Vault (w/o access)  
I05 - Overfill - Vent Whistle  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
C01 - Pipe Location - Aboveground

Tank Info:

Tank Number: 001  
Tank Id: 4235  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 05/15/1941  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KXTANG  
Last Modified: 02/16/2007

HIST AST:

PBS Number: 2-092584  
SWIS Code: 6101  
Operator: JOSEPH STANISLAUS  
Facility Phone: (718) 462-2689  
Facility Addr2: 2530 FOSTER AVENUE  
Facility Type: APARTMENT BUILDING  
Emergency: VICTOR SERVIS  
Emergency Tel: (718) 763-7201  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: JOSEPH & JEANETTE STANISLAUS  
Owner Address: 2524 FOSTER AVENUE  
Owner City,St,Zip: BROOKLYN, NY 11210  
Federal ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVELYN COURT (Continued)**

**U003384684**

Owner Tel: (718) 462-2689  
Owner Type: Private Resident  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: JOSEPH & JEANETTE STANISLAUS  
Mailing Address: 2524 FOSTER AVENUE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Telephone: (718) 462-2689  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 06/03/1997  
Expiration: 05/07/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 4000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: No Missing Data  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 4000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: 0  
Tank External: 01  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Diking  
Leak Detection: 05  
Overfill Protection: 06  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**36**  
**NE**  
**1/8-1/4**  
**0.132 mi.**  
**696 ft.**

**F&E REALTY CO.**  
**2902 FOSTER AVENUE**  
**BROOKLYN, NY 11210**

**AST** **A100293951**  
**N/A**

**Relative:**  
**Higher**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608572  
Program Type: PBS  
UTM X: 588822.80206000002  
UTM Y: 4499154.4831299996  
Expiration Date: 2013/03/13

**Actual:**  
**24 ft.**

Affiliation Records:

Site Id: 30424  
Affiliation Type: Owner  
Company Name: ELI FRUCHTER  
Contact Type: PRSE  
Contact Name: ELI FRUCHTER  
Address1: GPO BOX 1456  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11202  
Country Code: 001  
Phone: (718) 436-5516  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: msbaptis  
Date Last Modified: 2/29/2008

Site Id: 30424  
Affiliation Type: Mail Contact  
Company Name: F&E REALTY CO.  
Contact Type: Not reported  
Contact Name: ELI FRUCHTER  
Address1: GPO BOX 1456  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11202  
Country Code: 001  
Phone: (718) 436-5516  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30424  
Affiliation Type: On-Site Operator  
Company Name: F&E REALTY CO.  
Contact Type: Not reported  
Contact Name: ELI FRUCHTER  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**F&E REALTY CO. (Continued)**

**A100293951**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 436-5516  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30424  
Affiliation Type: Emergency Contact  
Company Name: ELI FRUCHTER  
Contact Type: Not reported  
Contact Name: ELI FRUCHTER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 436-5516  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel  
B01 - Tank External Protection - Painted/Asphalt Coating  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
J00 - Dispenser - None

Tank Info:

Tank Number: 003  
Tank Id: 65339  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1930  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: msbaptis

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**F&E REALTY CO. (Continued)**

**A100293951**

Last Modified: 02/29/2008

**L37**  
**WNW**  
**1/8-1/4**  
**0.145 mi.**  
**765 ft.**

**2657 BEDFORD AVE**  
**2657 BEDFORD AVE**  
**BROOKLYN, NY 11210**

**AST** **A100291966**  
**N/A**

**Site 1 of 2 in cluster L**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-607579  
Program Type: PBS  
UTM X: 588467  
UTM Y: 4499099  
Expiration Date: 2017/04/08

**Actual:**  
**28 ft.**

Affiliation Records:  
Site Id: 29431  
Affiliation Type: Owner  
Company Name: 1314-18 FLATBUSH REALTY LLC  
Contact Type: MANAGING AGENT  
Contact Name: ABRAHAM VALLACH  
Address1: 4620 16TH AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11204  
Country Code: 001  
Phone: (718) 686-1900  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 3/20/2007

Site Id: 29431  
Affiliation Type: Mail Contact  
Company Name: 1314-18 FLATBUSH REALTY LLC  
Contact Type: MANAGING AGENT  
Contact Name: ABRAHAM VALLACH  
Address1: 4620 16TH AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11204  
Country Code: 001  
Phone: (718) 686-1900  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: DXLIVING  
Date Last Modified: 3/20/2007

Site Id: 29431  
Affiliation Type: On-Site Operator  
Company Name: 2657 BEDFORD AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2657 BEDFORD AVE (Continued)**

**A100291966**

Contact Type: Not reported  
Contact Name: SEAN ALEXANDER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (917) 309-  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 1/25/2012

Site Id: 29431  
Affiliation Type: Emergency Contact  
Company Name: 1314-18 FLATBUSH REALTY LLC  
Contact Type: Not reported  
Contact Name: MOSHE SINGER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 686-8680  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
L00 - Piping Leak Detection - None  
I00 - Overfill - None

Tank Info:

Tank Number: 001  
Tank Id: 63211  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/20/1922

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2657 BEDFORD AVE (Continued)**

**A100291966**

Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 01/25/2012

**L38  
WNW  
1/8-1/4  
0.148 mi.  
783 ft.**

**ROBERT RODNEY  
2665 BEDFORD AVE  
BROOKLYN, NY 11201  
Site 2 of 2 in cluster L**

**AST A100168989  
N/A**

**Relative:  
Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-601914  
Program Type: PBS  
UTM X: 588501.90934000001  
UTM Y: 4499016.1464  
Expiration Date: 2009/07/07

**Actual:  
28 ft.**

Affiliation Records:  
Site Id: 23876  
Affiliation Type: Owner  
Company Name: ROBERT RODNEY  
Contact Type: OWNER  
Contact Name: BERTHY DASQUE  
Address1: 137-23 225TH ST  
Address2: Not reported  
City: LAURELTON  
State: NY  
Zip Code: 11413  
Country Code: 001  
Phone: (718) 276-2945  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/26/2004

Site Id: 23876  
Affiliation Type: Mail Contact  
Company Name: Not reported  
Contact Type: Not reported  
Contact Name: BERTHY DASQUE  
Address1: 137-23 225TH ST  
Address2: Not reported  
City: LAURELTON  
State: NY  
Zip Code: 11413  
Country Code: 001  
Phone: (718) 276-2945  
Phone Ext: Not reported  
Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROBERT RODNEY (Continued)**

**A100168989**

Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 23876  
Affiliation Type: On-Site Operator  
Company Name: ROBERT RODNEY  
Contact Type: Not reported  
Contact Name: VICTOR  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 434-7023  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/26/2004

Site Id: 23876  
Affiliation Type: Emergency Contact  
Company Name: ROBERT RODNEY  
Contact Type: Not reported  
Contact Name: ROBERT RODNEY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 276-2945  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

F00 - Pipe External Protection - None  
B05 - Tank External Protection - Jacketed  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
I02 - Overfill - High Level Alarm  
G00 - Tank Secondary Containment - None  
C01 - Pipe Location - Aboveground  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 48290  
Tank Location: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROBERT RODNEY (Continued)**

**A100168989**

Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

**39  
SE  
1/8-1/4  
0.149 mi.  
787 ft.**

**G.H.R. CO. L.L.C.  
620 E 29TH ST  
BROOKLYN, NY 11210**

**UST U003128010  
HIST UST N/A**

**Relative:  
Higher**

UST:  
Facility Id: 2-404039  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2012/12/14  
UTM X: 588923.92943999998  
UTM Y: 4498815.69465

**Actual:  
24 ft.**

Affiliation Records:  
Site Id: 19419  
Affiliation Type: Owner  
Company Name: G.H.R. CO. L.L.C.  
Contact Type: PRESIDENT  
Contact Name: MARVIN HELLER  
Address1: 5414 NEW UTRECHT AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 438-6200  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 11/7/2007

Site Id: 19419  
Affiliation Type: Mail Contact  
Company Name: MARVIN HELLMAN  
Contact Type: Not reported  
Contact Name: MARVIN HELLMAN  
Address1: 5414 NEW UTRECHT AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G.H.R. CO. L.L.C. (Continued)**

**U003128010**

Zip Code: 11219  
Country Code: 001  
Phone: (718) 438-6200  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 11/7/2007

Site Id: 19419  
Affiliation Type: On-Site Operator  
Company Name: G.H.R. CO. L.L.C.  
Contact Type: Not reported  
Contact Name: WESLER GEHEY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-3955  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 19419  
Affiliation Type: Emergency Contact  
Company Name: G.H.R. CO. L.L.C.  
Contact Type: Not reported  
Contact Name: MARVIN HELLMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 438-6200  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
H00 - Tank Leak Detection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G.H.R. CO. L.L.C. (Continued)**

**U003128010**

Tank Info:

Site ID: 19419  
  
Tank Number: 001  
Tank ID: 22041  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 02/14/1962  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: dxliving  
Last Modified: 11/07/2007

HIST UST:

PBS Number: 2-404039  
SPDES Number: Not reported  
Emergency Contact: MARVIN HELLMAN  
Emergency Telephone: (718) 438-6200  
Operator: WESLER GEHEY  
Operator Telephone: (718) 859-3955  
Owner Name: G.H.R. CO. L.L.C.  
Owner Address: 5414 NEW UTRECHT AVE  
Owner City,St,Zip: BROOKLYN, NY 11219  
Owner Telephone: (718) 438-6200  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: MARVIN HELLMAN  
Mailing Address: 5414 NEW UTRECHT AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11219  
Mailing Contact: Not reported  
Mailing Telephone: (718) 438-6200  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 620 E 29TH ST  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: Not reported  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 12/01/1997  
Expiration Date: 12/14/2002  
Renew Flag: False  
Renewal Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**G.H.R. CO. L.L.C. (Continued)**

**U003128010**

Total Capacity: 5000  
 FAMT: True  
 Facility Screen: Minor Data Missing  
 Owner Screen: Minor Data Missing  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2

Tank Id: 001  
 Tank Location: UNDERGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 5000  
 Product Stored: NOS 5 OR 6 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Second Containment: Diking  
 Leak Detection: None  
 Overfill Prot: Product Level Gauge  
 Dispenser: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 Lat/long: Not reported

**M40**  
**ENE**  
**1/8-1/4**  
**0.152 mi.**  
**804 ft.**

**1964 NOSTRAND AVE**  
**1964 NOSTRAND AVENUE**  
**BROOKLYN, NY 11210**

**Site 1 of 3 in cluster M**

**AST A100291687**  
**N/A**

**Relative:**  
**Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-608511  
 Program Type: PBS  
 UTM X: 588938.20042000001  
 UTM Y: 4499066.26790000003  
 Expiration Date: 2013/03/06

**Actual:**  
**24 ft.**

Affiliation Records:  
 Site Id: 30363  
 Affiliation Type: Owner  
 Company Name: JOHN BLAIR PROP INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1964 NOSTRAND AVE (Continued)

A100291687

Contact Type: PRESIDENT  
Contact Name: JOHN BLAIR  
Address1: 2666 BEDFORD AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-0528  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kakyer  
Date Last Modified: 1/28/2008

Site Id: 30363  
Affiliation Type: Mail Contact  
Company Name: JOHN BLAIR PROP INC  
Contact Type: Not reported  
Contact Name: JOHN R. BLAIR  
Address1: 2666 BEDFORD AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-0528  
Phone Ext: Not reported  
Email: JBPROPERTIES@HOTMAIL.COM  
Fax Number: Not reported  
Modified By: kakyer  
Date Last Modified: 1/28/2008

Site Id: 30363  
Affiliation Type: On-Site Operator  
Company Name: 1964 NOSTRAND AVE  
Contact Type: Not reported  
Contact Name: JOHN BLAIR  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-0528  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30363  
Affiliation Type: Emergency Contact  
Company Name: JOHN BLAIR PROP INC  
Contact Type: Not reported  
Contact Name: JOHN & MARIA BLAIR  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1964 NOSTRAND AVE (Continued)

A100291687

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-0528  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None

Tank Info:

Tank Number: 001  
Tank Id: 65265  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 07/10/1929  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: kaker  
Last Modified: 01/28/2008

41  
East  
1/8-1/4  
0.153 mi.  
807 ft.

NYCT - NOSTRAND SUBSTATION  
1995 NOSTRAND AVE  
BROOKLYN, NY 11210

RCRA-SQG 1000458126  
FINDS NYD986934669  
MANIFEST  
MANIFEST

Relative:  
Higher

RCRA-SQG:

Date form received by agency: 01/01/2007  
Facility name: NYCT - NOSTRAND SUBSTATION  
Facility address: 1995 NOSTRAND AVE  
BROOKLYN, NY 11210  
EPA ID: NYD986934669  
Mailing address: 2 BROADWAY, 27TH FLOOR  
NEW YORK, NY 10004  
Contact: JOSEPHINE F BROWN  
Contact address: Not reported

Actual:  
24 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Contact country: Not reported  
Contact telephone: US  
(646) 252-5777  
Contact email: JOBBROWN4@NYCT.COM  
EPA Region: 02  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NO NAME FOUND  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: State  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/1953  
Owner/Op end date: Not reported  
  
Owner/operator name: NYCT  
Owner/operator address: 2 BROADWAY  
NEW YORK, NY 10004  
  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/1953  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/28/2006  
Facility name: NYCT - NOSTRAND SUBSTATION  
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Facility name: NYCT - NOSTRAND SUBSTATION  
Classification: Small Quantity Generator

Date form received by agency: 02/09/2004  
Facility name: NYCT - NOSTRAND SUBSTATION  
Classification: Large Quantity Generator

Date form received by agency: 07/08/1999  
Facility name: NYCT - NOSTRAND SUBSTATION  
Site name: NYCTA - NOSTRAND SUBSTATION  
Classification: Not a generator, verified

Date form received by agency: 12/26/1990  
Facility name: NYCT - NOSTRAND SUBSTATION  
Site name: NYCTA - NOSTRAND SUBSTATION  
Classification: Large Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004457926

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**HAZARDOUS WASTE BIENNIAL REPORTER**

**NJ MANIFEST:**

Manifest Code: NJA5311495  
EPA ID: NYD986934669  
Date Shipped: 06/06/2006  
TSDf EPA ID: NJD002200046  
Transporter EPA ID: NJ0000027193  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 06/06/2006  
Date Trans2 Transported Waste: Not reported  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 06/06/2006  
Transporter 1 Decal: Not reported  
Transporter 2 Decal: Not reported  
Generator EPA Facility Name: Not reported  
Transporter-1 EPA Facility Name: Not reported  
Transporter-2 EPA Facility Name: Not reported  
Transporter-3 EPA Facility Name: Not reported  
Transporter-4 EPA Facility Name: Not reported  
Transporter-5 EPA Facility Name: Not reported  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 07200621  
Reference Manifest Number: Not reported  
Was Load Rejected (Y/N): No  
Reason Load Was Rejected: Not reported  
Waste Code: Not reported  
Manifest Year: Not reported  
Quantity: Not reported  
Unit: Not reported  
Hand Code: Not reported

Manifest Code: NJA5212605  
EPA ID: NYD986934669  
Date Shipped: 07/26/2005  
TSDf EPA ID: NJD002200046  
Transporter EPA ID: NJ0000027193  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 07/26/2005  
Date Trans2 Transported Waste: Not reported  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Date TSDf Received Waste: 07/26/2005  
Tranporter 1 Decal: Not reported  
Tranporter 2 Decal: Not reported  
Generator EPA Facility Name: Not reported  
Transporter-1 EPA Facility Name: Not reported  
Transporter-2 EPA Facility Name: Not reported  
Transporter-3 EPA Facility Name: Not reported  
Transporter-4 EPA Facility Name: Not reported  
Transporter-5 EPA Facility Name: Not reported  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 08290521  
Reference Manifest Number: Not reported  
Was Load Rejected (Y/N): No  
Reason Load Was Rejected: Not reported  
Waste Code: Not reported  
Manifest Year: Not reported  
Quantity: Not reported  
Unit: Not reported  
Hand Code: Not reported

Manifest Code: NJA5081794  
EPA ID: NYD986934669  
Date Shipped: 02/13/2004  
TSDf EPA ID: NJD002200046  
Transporter EPA ID: NJ0000027193  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 02/13/2004  
Date Trans2 Transported Waste: Not reported  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 02/13/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Tranporter 1 Decal: Not reported  
Tranporter 2 Decal: Not reported  
Generator EPA Facility Name: Not reported  
Transporter-1 EPA Facility Name: Not reported  
Transporter-2 EPA Facility Name: Not reported  
Transporter-3 EPA Facility Name: Not reported  
Transporter-4 EPA Facility Name: Not reported  
Transporter-5 EPA Facility Name: Not reported  
TSDF EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 03290421  
Reference Manifest Number: Not reported  
Was Load Rejected (Y/N): No  
Reason Load Was Rejected: Not reported  
Waste Code: Not reported  
Manifest Year: Not reported  
Quantity: Not reported  
Unit: Not reported  
Hand Code: Not reported

Manifest Code: NJA5081795  
EPA ID: NYD986934669  
Date Shipped: 02/13/2004  
TSDF EPA ID: NJD002200046  
Transporter EPA ID: NJ0000027193  
Transporter 2 EPA ID: Not reported  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 02/13/2004  
Date Trans2 Transported Waste: Not reported  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDF Received Waste: 02/13/2004  
Tranporter 1 Decal: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Tranporter 2 Decal: Not reported  
Generator EPA Facility Name: Not reported  
Transporter-1 EPA Facility Name: Not reported  
Transporter-2 EPA Facility Name: Not reported  
Transporter-3 EPA Facility Name: Not reported  
Transporter-4 EPA Facility Name: Not reported  
Transporter-5 EPA Facility Name: Not reported  
TSDF EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 03290421  
Reference Manifest Number: Not reported  
Was Load Rejected (Y/N): No  
Reason Load Was Rejected: Not reported  
Waste Code: Not reported  
Manifest Year: Not reported  
Quantity: Not reported  
Unit: Not reported  
Hand Code: Not reported

**NY MANIFEST:**

EPA ID: NYD986934669  
Country: USA  
Mailing Name: NEW YORK TRANSIT AUTHORITY  
Mailing Contact: RENEL POINTDUJOUR  
Mailing Address: 2 BROADWAY  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10004  
Mailing Zip4: 1531  
Mailing Country: USA  
Mailing Phone: 718-330-4581

Document ID: NJA5212605  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 07/26/2005  
Trans1 Recv Date: 07/26/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/26/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Trans1 EPA ID: S5811  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00250  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: Not reported

Document ID: NYG1960857  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: Not reported  
Generator Ship Date: 06/09/2005  
Trans1 Recv Date: 06/09/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/10/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: T310146IL  
Trans2 EPA ID: Not reported  
TSD ID: PAD981113749  
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB  
Quantity: 07157  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Year: Not reported

Document ID: 06  
Manifest Status: NJA5311495  
Trans1 State ID: NYD986934669  
Trans2 State ID: Not reported  
Generator Ship Date: NJD002200046  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: NJ0000027193  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 2  
Number of Containers: DM  
Container Type: 198  
Handling Method: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Specific Gravity: 1  
Waste Code: R  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: NYB9705969  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: Not reported  
Generator Ship Date: 10/04/2002  
Trans1 Recv Date: 10/04/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/10/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NYD049836679  
Trans2 EPA ID: Not reported  
TSD ID: 2A456NY  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00800  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: PAG3566160  
Manifest Status: Not reported  
Trans1 State ID: NJD071629976  
Trans2 State ID: Not reported  
Generator Ship Date: 10/15/2002  
Trans1 Recv Date: 10/15/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/15/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: PAD987367216  
Trans2 EPA ID: Not reported  
TSD ID: PAAH0015  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 08694  
Units: P - Pounds  
Number of Containers: 014  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Year: 2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Document ID: NYB9711315  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: Not reported  
Generator Ship Date: 05/20/2003  
Trans1 Recv Date: 05/20/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 05/23/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NYD077444263  
Trans2 EPA ID: Not reported  
TSD ID: 2A456  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 01800  
Units: P - Pounds  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYB9711351  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: Not reported  
Generator Ship Date: 06/13/2003  
Trans1 Recv Date: 06/13/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/20/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NYD077444263  
Trans2 EPA ID: Not reported  
TSD ID: 2A456  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00300  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NJA4110939  
Manifest Status: Not reported  
Trans1 State ID: NJO000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 07/22/2003  
Trans1 Recv Date: 07/22/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/23/2003  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NJD002200046  
Trans2 EPA ID: Not reported  
TSDF ID: S5311  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 02740  
Units: P - Pounds  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB  
Quantity: 00450  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES  
Quantity: 00185  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NJA4071289  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 11/17/2003  
Trans1 Recv Date: 11/17/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 11/17/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NJD002200046  
Trans2 EPA ID: Not reported  
TSDF ID: S5811  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00055  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYB9636003  
Manifest Status: Not reported  
Trans1 State ID: NYD986938645  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Generator Ship Date: 01/08/2003  
Trans1 Recv Date: 01/08/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/11/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NYD049836679  
Trans2 EPA ID: Not reported  
TSD ID: 75875NNY  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 01500  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NJA5081794  
Manifest Status: Not reported  
Trans1 State ID: S5811  
Trans2 State ID: Not reported  
Generator Ship Date: 02/13/2004  
Trans1 Recv Date: 02/13/2004  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/13/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NJ0000027193  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00700  
Units: P - Pounds  
Number of Containers: 007  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB  
Quantity: 00453  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Document ID: NJA5081795  
Manifest Status: Not reported  
Trans1 State ID: S5811  
Trans2 State ID: Not reported  
Generator Ship Date: 02/13/2004  
Trans1 Recv Date: 02/13/2004  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/13/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: NJ0000027193  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 02400  
Units: P - Pounds  
Number of Containers: 013  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NJA5212605  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 07/26/2005  
Trans1 Recv Date: 07/26/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/26/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: S5811  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00250  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2005

Document ID: NYG1960857  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: Not reported  
Generator Ship Date: 06/09/2005  
Trans1 Recv Date: 06/09/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/10/2005  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCT - NOSTRAND SUBSTATION (Continued)**

**1000458126**

Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: T310146IL  
Trans2 EPA ID: Not reported  
TSD ID: PAD981113749  
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB  
Quantity: 07157  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Year: 2005

Document ID: NJA5311495  
Manifest Status: Not reported  
Trans1 State ID: NJ0000027193  
Trans2 State ID: Not reported  
Generator Ship Date: 06/06/2006  
Trans1 Recv Date: 06/06/2006  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/06/2006  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986934669  
Trans1 EPA ID: 088992  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: D009 - MERCURY 0.2 MG/L TCLP  
Quantity: 00198  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 01.00  
Year: 2006

**M42**  
**ENE**  
**1/8-1/4**  
**0.156 mi.**  
**824 ft.**

**PUBLIC SCHOOL 269 - BROOKLYN K269**  
**1957 NOSTRAND AVENUE**  
**BROOKLYN, NY 11210**

**UST U004122383**  
**N/A**

**Site 2 of 3 in cluster M**

**Relative:**  
**Higher**

UST:  
Facility Id: 2-354368  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2013/06/28  
UTM X: 588980.09102000005  
UTM Y: 4499047.9112

**Actual:**  
**24 ft.**

Affiliation Records:  
Site Id: 17616  
Affiliation Type: Owner  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 269 - BROOKLYN K269 (Continued)**

**U004122383**

Contact Type: Not reported  
Contact Name: Not reported  
Address1: 44-36 VERNON BOULEVARD  
Address2: Not reported  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 11/28/2012

Site Id: 17616  
Affiliation Type: Mail Contact  
Company Name: NEW YORK CITY DEPT. OF EDUCATION  
Contact Type: Not reported  
Contact Name: MUNENDRA SHARMA  
Address1: FIELD OPERATIONS-FUEL DIVISION  
Address2: 44-36 VERNON BOULEVARD  
City: LONG ISLAND CITY  
State: NY  
Zip Code: 11101  
Country Code: 001  
Phone: (718) 349-5752  
Phone Ext: Not reported  
Email: MSHARMA@SCHOOLS.NYC.GOV  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 12/1/2011

Site Id: 17616  
Affiliation Type: On-Site Operator  
Company Name: PUBLIC SCHOOL 269 - BROOKLYN K269  
Contact Type: Not reported  
Contact Name: PLANT OPERATIONS  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 349-5400  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 9/28/2011

Site Id: 17616  
Affiliation Type: Emergency Contact  
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION  
Contact Type: Not reported  
Contact Name: SCHOOL SAFETY  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 269 - BROOKLYN K269 (Continued)**

**U004122383**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 935-3300  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: GDBREEN  
Date Last Modified: 12/6/2012

Equipment Records:

C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
G00 - Tank Secondary Containment - None  
L00 - Piping Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
L00 - Piping Leak Detection - None

Tank Info:

Site ID: 17616  
  
Tank Number: 1  
Tank ID: 34490  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/17/1951  
Capacity Gallons: 7500  
Tightness Test Method: NN  
Next Test Date: 12/27/1987  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 09/28/2011

Site ID: 17616

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUBLIC SCHOOL 269 - BROOKLYN K269 (Continued)**

**U004122383**

Tank Number: 2  
Tank ID: 34491  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/17/1951  
Capacity Gallons: 7500  
Tightness Test Method: NN  
Next Test Date: 12/27/1987  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 09/28/2011

**M43**  
**ENE**  
**1/8-1/4**  
**0.156 mi.**  
**824 ft.**

**P.S. 269**  
**1957 NOSTRAND AVE**  
**BROOKLYN, NY 11210**  
**Site 3 of 3 in cluster M**

**HIST UST** **U001839884**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**24 ft.**

**HIST UST:**  
PBS Number: 2-354368  
SPDES Number: Not reported  
Emergency Contact: SCHOOL SAFETY  
Emergency Telephone: (212) 979-3300  
Operator: PLANT OPERATION  
Operator Telephone: (718) 391-6000  
Owner Name: CITY OF NEW YORK C/O BOARD OF EDUCATION  
Owner Address: 28-11 QUEENS PLAZA NORTH  
Owner City,St,Zip: LONG ISLAND CITY, NY 11101  
Owner Telephone: (718) 391-6832  
Owner Type: Local Government  
Owner Subtype: Not reported  
Mailing Name: BOARD OF EDUCATION  
Mailing Address: 28-11 QUEENS PLAZA NORTH  
Mailing Address 2: 5TH FLOOR  
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101  
Mailing Contact: FRANK CARDELLO NTROL  
Mailing Telephone: (718) 391-6832  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 1957 NOSTRAND AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: SCHOOL  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 09/02/1998  
Expiration Date: 06/28/2003  
Renew Flag: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P.S. 269 (Continued)**

**U001839884**

Renewal Date: Not reported  
Total Capacity: 15000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2

Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 7500  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 002  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 7500  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P.S. 269 (Continued)**

**U001839884**

Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**44  
SW  
1/8-1/4  
0.161 mi.  
852 ft.**

**2744 BEDFORD AVE LLC  
2744 BEDFORD AVENUE  
BROOKLYN, NY 11210**

**AST A100291985  
N/A**

**Relative:  
Higher**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-608659  
Program Type: PBS  
UTM X: 588497.5209599999  
UTM Y: 4498849.7389099998  
Expiration Date: 2013/03/26

**Actual:  
25 ft.**

Affiliation Records:

Site Id: 30511  
Affiliation Type: Owner  
Company Name: 2744 BEDFORD AVE LLC  
Contact Type: MANAGING AGENT  
Contact Name: NIKOLAOS LEONARDOS  
Address1: 308 84TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11209  
Country Code: 001  
Phone: (718) 238-7297  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kakyar  
Date Last Modified: 1/23/2008

Site Id: 30511  
Affiliation Type: Mail Contact  
Company Name: 2744 BEDFORD AVE LLC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 308 84TH STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11209  
Country Code: 001  
Phone: (718) 238-7297  
Phone Ext: Not reported  
Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2744 BEDFORD AVE LLC (Continued)**

**A100291985**

Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30511  
Affiliation Type: On-Site Operator  
Company Name: 2744 BEDFORD AVE LLC  
Contact Type: Not reported  
Contact Name: RENE ZETRENNE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 238-7297  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 30511  
Affiliation Type: Emergency Contact  
Company Name: 2744 BEDFORD AVE LLC  
Contact Type: Not reported  
Contact Name: RENE ZETRENNE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 238-7297  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 1  
Tank Id: 65461  
Tank Location: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2744 BEDFORD AVE LLC (Continued)

A100291985

Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1960  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: kakyar  
Last Modified: 01/23/2008

45  
NE  
1/8-1/4  
0.164 mi.  
864 ft.

2913 FOSTER AVENUE  
2913 FOSTER AVENUE  
BROOKLYN, NY 11210

AST A100175501  
N/A

Relative:  
Higher

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-605215  
Program Type: PBS  
UTM X: 588905.94804000005  
UTM Y: 4499128.4056099998  
Expiration Date: 2011/02/16

Actual:  
24 ft.

Affiliation Records:

Site Id: 27084  
Affiliation Type: Owner  
Company Name: PROPERTY CARE MANAGEMENT INC.  
Contact Type: MANAGING AGENT  
Contact Name: AARON RIVLIN  
Address1: P.O. BOX 300385  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230  
Country Code: 001  
Phone: (718) 692-0003  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 27084  
Affiliation Type: Mail Contact  
Company Name: PROPERTY CARE MANAGEMENT INC.  
Contact Type: MANAGING AGENT  
Contact Name: AARON RIVLIN  
Address1: P.O. BOX 300385  
Address2: Not reported  
City: BROOKLYN  
State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2913 FOSTER AVENUE (Continued)**

**A100175501**

Zip Code: 11230  
Country Code: 001  
Phone: (718) 692-0003  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 27084  
Affiliation Type: On-Site Operator  
Company Name: 2913 FOSTER AVENUE  
Contact Type: Not reported  
Contact Name: MANUEL  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (917) 836-7907  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 27084  
Affiliation Type: Emergency Contact  
Company Name: PROPERTY CARE MANAGEMENT INC.  
Contact Type: Not reported  
Contact Name: AARON RIVLIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 692-0003  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
C03 - Pipe Location - Aboveground/Underground Combination  
H00 - Tank Leak Detection - None

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2913 FOSTER AVENUE (Continued)**

**A100175501**

Tank Info:

Tank Number:	01
Tank Id:	59582
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

**N46**  
**ENE**  
 1/8-1/4  
 0.167 mi.  
 883 ft.

**BARRI CLEANERS**  
**1932 NOSTRAND AVENUE**  
**BROOKLYN, NY 11210**  
 Site 1 of 3 in cluster N

**DRYCLEANERS** **S110245981**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**24 ft.**

DRYCLEANERS:  
 Facility ID: 2-6104-00974  
 Phone Number: Not reported  
 Region: 2  
 Registration Effective Date: N/A  
 Inspection Date: 05/15/03  
 Install Date: Not reported  
 Drop Shop: Not reported  
 Shutdown: Y  
 Alternate Solvent: Not reported  
 Current Business: PHARMACY

**N47**  
**ENE**  
 1/8-1/4  
 0.167 mi.  
 883 ft.

**BARRI CLEANERS**  
**1932 NOSTRAND AVE**  
**BROOKLYN, NY 11210**  
 Site 2 of 3 in cluster N

**RCRA-NonGen** **1001028479**  
**FINDS** **NYR000007112**  
**MANIFEST**

**Relative:**  
**Higher**  
  
**Actual:**  
**24 ft.**

RCRA-NonGen:  
 Date form received by agency: 01/01/2007  
 Facility name: BARRI CLEANERS  
 Facility address: 1932 NOSTRAND AVE  
 BROOKLYN, NY 11210  
 EPA ID: NYR000007112  
 Mailing address: NOSTRAND AVE  
 BROOKLYN, NY 11210  
 Contact: JOUBERT MOLIN  
 Contact address: NOSTRAND AVE  
 BROOKLYN, NY 11210  
 Contact country: US  
 Contact telephone: (718) 859-0245

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARRI CLEANERS (Continued)**

1001028479

Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BARRI CLEANERS  
Owner/operator address: 1932 NOSTRAND AVE  
BROOKLYN, NY 11210

Owner/operator country: US  
Owner/operator telephone: (718) 859-0245  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: BARRI CLEANERS  
Owner/operator address: 1932 NOSTRAND AVE  
BROOKLYN, NY 11210  
Owner/operator country: US  
Owner/operator telephone: (718) 859-0245  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: BARRI CLEANERS  
Classification: Not a generator, verified

Date form received by agency: 06/23/1995  
Facility name: BARRI CLEANERS  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARRI CLEANERS (Continued)**

1001028479

Registry ID: 110004514874

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYR000007112  
Country: USA  
Mailing Name: BARRI CLEANERS  
Mailing Contact: ROLANDE MICHEI  
Mailing Address: 1932 NOSTRAND AVE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11210  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-859-0245

Document ID: NYC6587910  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: NJD071629976  
Generator Ship Date: 11/18/2002  
Trans1 Recv Date: 11/18/2002  
Trans2 Recv Date: 11/22/2002  
TSD Site Recv Date: 11/25/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NY94885JE  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00180  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYC4464393  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NYGF2859  
Trans2 State ID: M0001  
Generator Ship Date: 961218  
Trans1 Recv Date: 961218  
Trans2 Recv Date: 961226

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARRI CLEANERS (Continued)**

1001028479

TSD Site Recv Date: 961227  
Part A Recv Date: 970212  
Part B Recv Date: 970113  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4624176  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: MOD095038998  
Generator Ship Date: 05/08/1998  
Trans1 Recv Date: 05/08/1998  
Trans2 Recv Date: 05/15/1998  
TSD Site Recv Date: 05/16/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSDF ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00120  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYC6421083  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: Not reported  
Generator Ship Date: 04/16/2001  
Trans1 Recv Date: 04/16/2001  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/19/2001  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSDF ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00420

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARRI CLEANERS (Continued)**

1001028479

Units: P - Pounds  
Number of Containers: 007  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2001

Document ID: NYC3579772  
Manifest Status: Completed copy  
Trans1 State ID: DF2859NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950810  
Trans1 Recv Date: 950810  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950810  
Part A Recv Date: 950911  
Part B Recv Date: 950821  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYC6121361  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: NJD071629976  
Generator Ship Date: 04/11/2000  
Trans1 Recv Date: 04/11/2000  
Trans2 Recv Date: 04/14/2000  
TSD Site Recv Date: 04/20/2000  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000007112  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSDF ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00120  
Units: P - Pounds  
Number of Containers: 012  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**O48** **ST JEROME SCHOOL**  
**NNE** **465 EAST 29TH STREET**  
**1/8-1/4** **BROOKLYN, NY 11226**  
**0.170 mi.**  
**895 ft.** **Site 1 of 2 in cluster O**

**UST** **U001835518**  
**HIST UST** **N/A**

**Relative:**  
**Higher**

UST:  
Facility Id: 2-283371  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Program Type: PBS  
Expiration Date: N/A  
UTM X: 588881.07012000005  
UTM Y: 4499204.1618100004

**Actual:**  
**24 ft.**

Affiliation Records:  
Site Id: 12509  
Affiliation Type: Owner  
Company Name: ST JEROMES R C CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 465 E. 29TH ST.  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12509  
Affiliation Type: Mail Contact  
Company Name: MSGR. GUY SANSARICQ  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKIRK AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12509  
Affiliation Type: On-Site Operator  
Company Name: ST JEROME SCHOOL  
Contact Type: Not reported  
Contact Name: ST JEROME SCHOOL  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROME SCHOOL (Continued)**

**U001835518**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0211  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12509  
Affiliation Type: Emergency Contact  
Company Name: ST JEROMES R C CHURCH  
Contact Type: Not reported  
Contact Name: ST JEROME CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
B00 - Tank External Protection - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None

Tank Info:

Site ID: 12509  
  
Tank Number: 001  
Tank ID: 14895  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 5000  
Tightness Test Method: 03  
Next Test Date: Not reported  
Date Tank Closed: 01/23/2003  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: 03/01/1998  
Register: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROME SCHOOL (Continued)**

**U001835518**

Modified By: TRANSLAT  
Last Modified: 03/04/2004

**HIST UST:**

PBS Number: 2-283371  
SPDES Number: Not reported  
Emergency Contact: PASTOR OF CHURCH  
Emergency Telephone: (718) 462-0223  
Operator: ST JEROMES CHURCH  
Operator Telephone: (718) 462-0211  
Owner Name: ST JEROMES R C CHURCH  
Owner Address: 2900 NEWKIRK AVE  
Owner City,St,Zip: BROOKLYN, NY 11226-7899  
Owner Telephone: (718) 462-0223  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Name: ST JEROMES R C CHURCH  
Mailing Address: 2900 NEWKIRK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226-7899  
Mailing Contact: REV. JOHN H. SAVAGE  
Mailing Telephone: (718) 462-0223  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 465 E 29TH ST  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: Not reported  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 06/04/1992  
Expiration Date: 07/14/1997  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST JEROME SCHOOL (Continued)**

**U001835518**

Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: Not reported  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Second Containment: None  
 Leak Detection: None  
 Overfill Prot: Not reported  
 Dispenser: Suction  
 Date Tested: 03/01/1998  
 Next Test Date: 03/01/2003  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Horner EZ Check  
 Deleted: False  
 Updated: True  
 Lat/long: Not reported

**49**  
**South**  
**1/8-1/4**  
**0.170 mi.**  
**897 ft.**

**50 KENILWORTH PLACE**  
**50 KENILWORTH PLACE**  
**BROOKLYN, NY 11210**

**UST U000413575**  
**HIST UST N/A**

**Relative:**  
**Higher**

UST:  
 Facility Id: 2-045764  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Program Type: PBS  
 Expiration Date: 2016/12/02  
 UTM X: 588747.65584999998  
 UTM Y: 4498701.0921999998

**Actual:**  
**24 ft.**

Affiliation Records:  
 Site Id: 597  
 Affiliation Type: Owner  
 Company Name: 50 KENILWORTH OWNERS CORP  
 Contact Type: AGENT  
 Contact Name: JOSHUA FRANKEL  
 Address1: 1651 COEY ISLAND AVE  
 Address2: Not reported  
 City: BROOKLYN  
 State: NY  
 Zip Code: 11230  
 Country Code: 001  
 Phone: (718) 629-0600  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported  
 Modified By: MSBAPTIS  
 Date Last Modified: 11/2/2011

Site Id: 597  
 Affiliation Type: Mail Contact  
 Company Name: 50 KENILWORTH OWNERS CORP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**50 KENILWORTH PLACE (Continued)**

**U000413575**

Contact Type: Not reported  
Contact Name: SARA KAPLAN  
Address1: 1651 CONEY ISLAND 4TH FLR  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230  
Country Code: 001  
Phone: (212) 480-2270  
Phone Ext: Not reported  
Email: SKAPLAN@RESIMGT.COM  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 11/2/2011

Site Id: 597  
Affiliation Type: On-Site Operator  
Company Name: 50 KENILWORTH PLACE  
Contact Type: Not reported  
Contact Name: ROBERT SMITH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 421-9857  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 597  
Affiliation Type: Emergency Contact  
Company Name: 50 KENILWORTH OWNERS CORP  
Contact Type: Not reported  
Contact Name: ROBERT SMITH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (212) 480-2270  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

50 KENILWORTH PLACE (Continued)

U000413575

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None

Tank Info:

Site ID: 597  
  
Tank Number: 008  
Tank ID: 1453  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 08/28/1955  
Capacity Gallons: 7000  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: KXTANG  
Last Modified: 12/21/2006

HIST UST:

PBS Number: 2-045764  
SPDES Number: Not reported  
Emergency Contact: ROBERT SMITH  
Emergency Telephone: (212) 480-2270  
Operator: ROBERT SMITH  
Operator Telephone: (718) 421-9857  
Owner Name: 50 KENILWORTH OWNERS CORP  
Owner Address: 40 EXCHANGE PL-SUITE 1105  
Owner City,St,Zip: NEW YORK, NY 10005  
Owner Telephone: (212) 480-2270  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Name: 50 KENILWORTH OWNERS CORP  
Mailing Address: 40 EXCHANGE PLACE-SUITE 1105  
Mailing Address 2: Not reported  
Mailing City,St,Zip: NEW YORK, NY 10005  
Mailing Contact: Not reported  
Mailing Telephone: (212) 480-2270  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 50 KENILWORTH PLACE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**50 KENILWORTH PLACE (Continued)**

**U000413575**

Certification Flag: False  
Certification Date: 08/31/2001  
Expiration Date: 12/02/2006  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 7000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 008  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 7000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
Lat/long: Not reported

**N50  
NE  
1/8-1/4  
0.172 mi.  
910 ft.**

**NYNEX  
NOSTRAND AVE & FOSTER AVE  
BROOKLYN, NY 11201**

**Site 3 of 3 in cluster N**

**MANIFEST 1009233846  
N/A**

**Relative:  
Higher**

NY MANIFEST:  
EPA ID: NYP000921791  
Country: USA  
Mailing Name: NYNEX  
Mailing Contact: SUSHMITA BISWAS  
Mailing Address: 221 EAST 37TH STREET  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY

**Actual:  
24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYNEX (Continued)**

**1009233846**

Mailing Zip: 10016  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-338-7126

Document ID: MIA4133811  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 950911  
Trans1 Recv Date: 950911  
Trans2 Recv Date: 950911  
TSD Site Recv Date: 950925  
Part A Recv Date: Not reported  
Part B Recv Date: 951020  
Generator EPA ID: NYP000921791  
Trans1 EPA ID: NYD010951986  
Trans2 EPA ID: NYD046765574  
TSDf ID: MID096963194  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00800  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 100  
Year: 95

**P51  
ESE  
1/8-1/4  
0.172 mi.  
910 ft.**

**FARRAGUT CLEANERS  
3007 FARRAGUT RD.  
BROOKLYN, NY 11210  
Site 1 of 2 in cluster P**

**DRYCLEANERS S110246579  
N/A**

**Relative:  
Lower**

DRYCLEANERS:  
Facility ID: 2-6104-01270  
Phone Number: Not reported  
Region: 2  
Registration Effective Date: 10/18/2001 14:16:50:506  
Inspection Date: 08FEB12  
Install Date: Not reported  
Drop Shop: Not reported  
Shutdown: Y  
Alternate Solvent: Not reported  
Current Business: NOT A DRY CLEANER

**Actual:  
23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P52**  
**ESE**  
**1/8-1/4**  
**0.172 mi.**  
**910 ft.**

**FARRAGUT CLEANERS INC**  
**3007 FARRAGUT RD**  
**BROOKLYN, NY 11210**

**Site 2 of 2 in cluster P**

**RCRA-CESQG**  
**FINDS**  
**MANIFEST**  
**NY Spills**

**1004759495**  
**NYR000011569**

**Relative:**  
**Lower**

RCRA-CESQG:

Date form received by agency: 01/01/2007

Facility name: FARRAGUT CLEANERS INC

Facility address: 3007 FARRAGUT RD  
BROOKLYN, NY 11210

EPA ID: NYR000011569

Mailing address: FARRAGUT RD  
BROOKLYN, NY 11210

Contact: GILBERT MCCREA

Contact address: FARRAGUT RD  
BROOKLYN, NY 11210

Contact country: US

Contact telephone: (718) 346-4454

Contact email: Not reported

EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: FARRAGUT CLEANERS INC

Owner/operator address: 3007 FARRAGUT RD  
BROOKLYN, NY 11210

Owner/operator country: US

Owner/operator telephone: (718) 346-4454

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: FARRAGUT CLEANERS INC

Owner/operator address: 3007 FARRAGUT RD  
BROOKLYN, NY 11210

Owner/operator country: US

Owner/operator telephone: (718) 346-4454

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: FARRAGUT CLEANERS INC  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/15/1995  
Facility name: FARRAGUT CLEANERS INC  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004517434

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

NY MANIFEST:

EPA ID: NYR000011569  
Country: USA  
Mailing Name: FARRAGUT CLEANERS INC  
Mailing Contact: GILBERT MCCREA  
Mailing Address: 3007 FARRAGUT RD  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11210  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-346-4454

Document ID: NYC7552754  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 01/26/2005  
Trans1 Recv Date: 01/26/2005  
Trans2 Recv Date: 01/28/2005  
TSD Site Recv Date: 01/31/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: NYC58468J  
Trans2 EPA ID: NY865TZL  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: Not reported

Document ID: NYC4055398  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960509  
Trans1 Recv Date: 960509  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960515  
Part A Recv Date: 960725  
Part B Recv Date: 960618  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC3965927  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960122  
Trans1 Recv Date: 960122  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960131  
Part A Recv Date: 960227  
Part B Recv Date: 960215  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4322417  
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 961023  
Trans1 Recv Date: 961023  
Trans2 Recv Date: 961029  
TSD Site Recv Date: 961031  
Part A Recv Date: Not reported  
Part B Recv Date: 961126  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC5063580  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Trans2 State ID: MOD095038998  
Generator Ship Date: 08/05/1998  
Trans1 Recv Date: 08/05/1998  
Trans2 Recv Date: 08/13/1998  
TSD Site Recv Date: 08/14/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYC4194382  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: 4457AZ  
Generator Ship Date: 960806  
Trans1 Recv Date: 960806  
Trans2 Recv Date: 960809  
TSD Site Recv Date: 960810  
Part A Recv Date: Not reported  
Part B Recv Date: 960830  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC6677087  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: MOD095038998  
Generator Ship Date: 03/28/2002  
Trans1 Recv Date: 03/28/2002  
Trans2 Recv Date: 04/04/2002  
TSD Site Recv Date: 04/05/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Trans2 EPA ID: Not reported  
TSD ID: NJX9693L  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYC6901942  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: NJD071629976  
Generator Ship Date: 12/27/2002  
Trans1 Recv Date: 12/27/2002  
Trans2 Recv Date: 01/03/2003  
TSD Site Recv Date: 01/06/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NY94885JE  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00150  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYC6869553  
Manifest Status: Not reported  
Trans1 State ID: SCR000075150  
Trans2 State ID: NJD071629976  
Generator Ship Date: 09/24/2002  
Trans1 Recv Date: 09/24/2002  
Trans2 Recv Date: 09/27/2002  
TSD Site Recv Date: 09/27/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NY94485JE  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Year: 2002

Document ID: NYC7107816  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: MOR000505347  
Generator Ship Date: 08/26/2003  
Trans1 Recv Date: 08/26/2003  
Trans2 Recv Date: 08/27/2003  
TSD Site Recv Date: 08/28/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NYAT8305  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYC6981344  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 03/11/2003  
Trans1 Recv Date: 03/11/2003  
Trans2 Recv Date: 03/14/2003  
TSD Site Recv Date: 03/17/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NY94885JE  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYC4646766  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: GF2859NY  
Trans2 State ID: MO001  
Generator Ship Date: 970417  
Trans1 Recv Date: 970417

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Trans2 Recv Date: 970424  
TSD Site Recv Date: 970425  
Part A Recv Date: 970425  
Part B Recv Date: 970515  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Document ID: NYC4450015  
Manifest Status: Completed copy  
Trans1 State ID: GF2859NY  
Trans2 State ID: M0001  
Generator Ship Date: 970123  
Trans1 Recv Date: 970123  
Trans2 Recv Date: 970128  
TSD Site Recv Date: 970129  
Part A Recv Date: 980430  
Part B Recv Date: 970207  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Document ID: NYC5532906  
Manifest Status: Not reported  
Trans1 State ID: SCD987574647  
Trans2 State ID: ILD984908202  
Generator Ship Date: 03/22/1999  
Trans1 Recv Date: 01/01/1900  
Trans2 Recv Date: 03/22/1999  
TSD Site Recv Date: 03/26/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: Not reported  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 99

Document ID: NYC5881937  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: SCD987574647  
Generator Ship Date: 09/01/1999  
Trans1 Recv Date: 09/01/1999  
Trans2 Recv Date: 09/08/1999  
TSD Site Recv Date: 09/14/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 99

Document ID: NYC4787954  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: MO001  
Generator Ship Date: 970710  
Trans1 Recv Date: 970710  
Trans2 Recv Date: 970715  
TSD Site Recv Date: 970716  
Part A Recv Date: 971211  
Part B Recv Date: 970808  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Document ID: NYC4843528  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: MO001  
Generator Ship Date: 971001  
Trans1 Recv Date: 971001  
Trans2 Recv Date: 971009  
TSD Site Recv Date: 971010  
Part A Recv Date: 971211  
Part B Recv Date: 971103  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

Document ID: NYC7269502  
Manifest Status: Not reported  
Trans1 State ID: NYAT8011  
Trans2 State ID: 044  
Generator Ship Date: 02/09/2004  
Trans1 Recv Date: 02/09/2004  
Trans2 Recv Date: 02/13/2004  
TSD Site Recv Date: 02/16/2004  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: TXR000050930  
Trans2 EPA ID: Not reported  
TSDF ID: OHD980587  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00133  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NYC7394668  
Manifest Status: Not reported  
Trans1 State ID: NYAT8011  
Trans2 State ID: T17L8DNJ  
Generator Ship Date: 07/30/2004  
Trans1 Recv Date: 07/30/2004  
Trans2 Recv Date: 08/06/2004  
TSD Site Recv Date: 08/09/2004  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: TXR000050930  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00390  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 2004

Document ID: NYC5985088  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: SCD987574647  
Generator Ship Date: 11/18/1999  
Trans1 Recv Date: 11/18/1999  
Trans2 Recv Date: 11/24/1999  
TSD Site Recv Date: 11/30/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000011569  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSD ID: NYLP3931  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 99

[Click this hyperlink](#) while viewing on your computer to access  
13 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**SPILLS:**

Facility ID: 1104818  
DER Facility ID: 407020  
Facility Type: ER  
Site ID: 452431  
DEC Region: 2  
Spill Number: 1104818  
Spill Date: 7/27/2011  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 9/30/2011  
SWIS: 2401  
Investigator: SFRAHMAN  
Referred To: Not reported  
Reported to Dept: 7/27/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 7/27/2011  
Spill Record Last Update: 9/30/2011  
Spiller Name: REID TROFF  
Spiller Company: CONSTRUCTION SITE  
Spiller Address: 3007 FARRAGUT RD  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 999  
Contact Name: REID TROFF  
Contact Phone: (718) 257-8470  
DEC Memo:

Sangesland spoke with Mr Troff about the site. Excavation work for a new building, found an old 1,000 gal UST. Tank was damaged during digging and about 10-15 gal of oil leaked out. ABC Tank was called immediately and the tank was pumped out, cleaned and removed. Impacted soil was removed, stockpiled for disposal and end point sample taken. Report will be submitted to Sharif Rahman including: writeup, manifest, lab results, photos.09/30/11 Tank closure report in edocs prepared by Energy Fueling Systems Corp. End point samples were taken after removal of the tank.Results showed no exceedances of VOC/SVOCs. Waste disposal manifest, photos of the site included.Case closed.(sr)  
Remarks: during excavation a 1000 gallon tank was discovered, fuel still inside spilled. Emptied, removed and c/u complete.

Material:  
Site ID: 452431  
Operable Unit ID: 1202612  
Operable Unit: 01  
Material ID: 2199197  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARRAGUT CLEANERS INC (Continued)**

**1004759495**

Last Modified: Not reported  
Test Method: Not reported

**53**  
**SSW**  
**1/8-1/4**  
**0.176 mi.**  
**928 ft.**

**645 OWNERS CORPORATION**  
**645 EAST 26TH STREET**  
**BROOKLYN, NY 11210**

**AST** **U003396397**  
**HIST AST** **N/A**

**Relative:**  
**Higher**

AST:

**Actual:**  
**25 ft.**

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-601992  
Program Type: PBS  
UTM X: 588639.08857999998  
UTM Y: 4498689.3476600004  
Expiration Date: 2014/10/14

Affiliation Records:

Site Id: 23951  
Affiliation Type: Owner  
Company Name: 645 OWNERS CORPORATION C/O COOPER SQ. REALTY INC  
Contact Type: MGR  
Contact Name: JENNIFER CHRISTMAN  
Address1: 3646 NOSTRAND AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11229  
Country Code: 001  
Phone: (718) 332-0777  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 11/9/2009

Site Id: 23951  
Affiliation Type: Mail Contact  
Company Name: 645 OWNERS CORP.  
Contact Type: Not reported  
Contact Name: JENNIFER CHRISTMAN  
Address1: C/O WENTWORTH PROPERTY MGT  
Address2: 3646 NOSTRAND AVE 4TH FLR  
City: BROOKLYN  
State: NY  
Zip Code: 11229  
Country Code: 001  
Phone: (718) 898-0190  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 4/6/2009

Site Id: 23951

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**645 OWNERS CORPORATION (Continued)**

**U003396397**

Affiliation Type: On-Site Operator  
Company Name: 645 OWNERS CORPORATION  
Contact Type: Not reported  
Contact Name: GEORGE JORDAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (347) 404-3918  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 4/6/2009

Site Id: 23951  
Affiliation Type: Emergency Contact  
Company Name: 645 OWNERS CORPORATION C/O IMPACT MGMT.  
Contact Type: Not reported  
Contact Name: JENNIFER CHRISTMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (347) 585-4974  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 4/6/2009

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)  
F00 - Pipe External Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
L09 - Piping Leak Detection - Exempt Suction Piping  
J02 - Dispenser - Suction  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
C01 - Pipe Location - Aboveground  
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Info:

Tank Number: 001  
Tank Id: 48671  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1939

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**645 OWNERS CORPORATION (Continued)**

**U003396397**

Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 04/06/2009

**HIST AST:**

PBS Number: 2-601992  
SWIS Code: 6101  
Operator: CLAY TRESMOTT  
Facility Phone: (718) 859-6685  
Facility Addr2: Not reported  
Facility Type: APARTMENT BUILDING  
Emergency: GREGORY COHEN  
Emergency Tel: (718) 898-0190  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: 645 OWNERS CORPORATION C/O IMPACT MGMT.  
Owner Address: 111-17A ROOSEVELT AVE.  
Owner City,St,Zip: FLUSHING, NY 11368  
Federal ID: Not reported  
Owner Tel: (718) 898-0190  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: 645 OWNERS CORP.  
Mailing Address: % IMPACT MANAGEMENT  
Mailing Address 2: 111-17A ROOSEVELT AVE.  
Mailing City,St,Zip: FLUSHING, NY 11368  
Mailing Telephone: (718) 898-0190  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 11/17/2000  
Expiration: 10/14/2004  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**645 OWNERS CORPORATION (Continued)**

**U003396397**

Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: 01  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 00  
Tank Containment: Diking  
Leak Detection: 00  
Overfill Protection: 04  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

**Q54  
NW  
1/8-1/4  
0.179 mi.  
945 ft.**

**MIKLIN FRENCH CLEANERS  
1329 FLATBUSH AVE  
BROOKLYN, NY 11226**

**RCRA-NonGen 1000554952  
FINDS NYD986974442  
MANIFEST**

**Site 1 of 4 in cluster Q**

**Relative:  
Higher**

RCRA-NonGen:  
Date form received by agency: 01/01/2007  
Facility name: MIKLIN FRENCH CLEANERS  
Facility address: 1329 FLATBUSH AVE  
BROOKLYN, NY 112267602  
EPA ID: NYD986974442  
Mailing address: FLATBUSH AVE  
BROOKLYN, NY 11226  
Contact: Not reported  
Contact address: FLATBUSH AVE  
BROOKLYN, NY 11226  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:  
29 ft.**

Owner/Operator Summary:  
Owner/operator name: MICHAEL NSIAH  
Owner/operator address: UNKNOWN  
UNKNOWN, NY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIKLIN FRENCH CLEANERS (Continued)**

**1000554952**

Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MICHAEL NSIAH  
Owner/operator address: UNKNOWN  
UNKNOWN, NY 99999

Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: MIKLIN FRENCH CLEANERS  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: MIKLIN FRENCH CLEANERS  
Classification: Not a generator, verified

Date form received by agency: 08/26/1991  
Facility name: MIKLIN FRENCH CLEANERS  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004477879

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIKLIN FRENCH CLEANERS (Continued)**

**1000554952**

NY MANIFEST:

EPA ID: NYD986974442  
Country: USA  
Mailing Name: MIKLIN FRENCH CLNRS  
Mailing Contact: MIKLIN FRENCH CLNRS  
Mailing Address: 1329 FLATBUSH AVENUE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11226  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-287-2245

Document ID: NYC2639913  
Manifest Status: Completed copy  
Trans1 State ID: AY9381NY  
Trans2 State ID: Not reported  
Generator Ship Date: 931116  
Trans1 Recv Date: 931116  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 931116  
Part A Recv Date: 931203  
Part B Recv Date: 931202  
Generator EPA ID: NYD986974442  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 93

Document ID: NYC2829767  
Manifest Status: Completed copy  
Trans1 State ID: AY9381NY  
Trans2 State ID: Not reported  
Generator Ship Date: 940215  
Trans1 Recv Date: 940215  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 940215  
Part A Recv Date: 940228  
Part B Recv Date: 940301  
Generator EPA ID: NYD986974442

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MIKLIN FRENCH CLEANERS (Continued)**

**1000554952**

Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 94

Document ID: NYC1040973  
Manifest Status: Completed copy  
Trans1 State ID: AM6282NY  
Trans2 State ID: Not reported  
Generator Ship Date: 911218  
Trans1 Recv Date: 911218  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911218  
Part A Recv Date: Not reported  
Part B Recv Date: 920110  
Generator EPA ID: NYD986974442  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

**Q55  
NW  
1/8-1/4  
0.179 mi.  
945 ft.**

**MIKLIN FRENCH DRY CLEANERS  
1329 FLATBUSH AVENUE  
BROOKLYN, NY 11226**

**DRYCLEANERS S110247300  
N/A**

**Site 2 of 4 in cluster Q**

**Relative:  
Higher**

DRYCLEANERS:  
Facility ID: 2-6104-00954  
Phone Number: Not reported  
Region: 2  
Registration Effective Date: N/A  
Inspection Date: 11/19/03  
Install Date: Not reported  
Drop Shop: Not reported  
Shutdown: Y  
Alternate Solvent: Not reported  
Current Business: NOT A DRY CLEANER

**Actual:  
29 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**R56** 2701 NEWKIRK AVE OWNER CORP.  
**North** 2701 NEWKIRK AVE  
**1/8-1/4** BROOKLYN, NY 11226  
**0.181 mi.**  
**958 ft.** Site 1 of 2 in cluster R

**AST** A100304580  
N/A

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-245542  
Program Type: PBS  
UTM X: 588716.73319000006  
UTM Y: 4499264.9933799999  
Expiration Date: 2017/07/07

**Actual:**  
**24 ft.**

Affiliation Records:  
Site Id: 9559  
Affiliation Type: Owner  
Company Name: 2701 NEWKIRK AV OWNERS CORP  
Contact Type: V.P. OPERATIONS  
Contact Name: MARIA VALENTE  
Address1: 600 MAMARONECK AVE, 5TH FL  
Address2: Not reported  
City: HARRISON  
State: NY  
Zip Code: 10528  
Country Code: 001  
Phone: (914) 899-8000  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 11/29/2012

Site Id: 9559  
Affiliation Type: Mail Contact  
Company Name: 2701 NEWKIRK AV OWNERS CORP  
Contact Type: Not reported  
Contact Name: BULIDINGS OPS  
Address1: C/O MAXX PROPERTIES  
Address2: 600 MAMRONECK AVE, 5TH FL  
City: HARRISON  
State: NY  
Zip Code: 10528  
Country Code: 001  
Phone: (914) 899-8000  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 11/29/2012

Site Id: 9559  
Affiliation Type: On-Site Operator  
Company Name: 2701 NEWKIRK AVE OWNER CORP.  
Contact Type: Not reported  
Contact Name: RAYMOND BREA, JR  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2701 NEWKIRK AVE OWNER CORP. (Continued)**

**A100304580**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (347) 538-8256  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 11/29/2012

Site Id: 9559  
Affiliation Type: Emergency Contact  
Company Name: 2701 NEWKIRK AV OWNERS CORP  
Contact Type: Not reported  
Contact Name: MAXX PROPERTIES  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (800) 371-5155  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 11/29/2012

Equipment Records:

G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
F00 - Pipe External Protection - None  
C00 - Pipe Location - No Piping  
H05 - Tank Leak Detection - In-Tank System (ATG)  
K00 - Spill Prevention - None  
B00 - Tank External Protection - None  
E00 - Piping Secondary Containment - None

Tank Info:

Tank Number: 001  
Tank Id: 11625  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 08/17/1998  
Capacity Gallons: 4000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2701 NEWKIRK AVE OWNER CORP. (Continued)**

**A100304580**

Date Tank Closed: Not reported  
 Register: True  
 Modified By: KAKYER  
 Last Modified: 11/29/2012

**R57**  
**North**  
**1/8-1/4**  
**0.181 mi.**  
**958 ft.**

**2701 NEWKIRK AVE**  
**2701 NEWKIRK AVE**  
**BROOKLYN, NY 11226**  
**Site 2 of 2 in cluster R**

**HIST UST** **U001834410**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

**Actual:**  
**24 ft.**

PBS Number: 2-245542  
 SPDES Number: Not reported  
 Emergency Contact: J R D MANAGEMENT CORP  
 Emergency Telephone: (914) 632-1975  
 Operator: RAYMOND BREA  
 Operator Telephone: (718) 282-5215  
 Owner Name: 2701 NEWKIRK AV OWNERS CORP  
 Owner Address: 875 MAMARONECK AV  
 Owner City,St,Zip: MAMARONECK, NY 10543  
 Owner Telephone: (914) 381-5420  
 Owner Type: Corporate/Commercial  
 Owner Subtype: Not reported  
 Mailing Name: 2701 NEWKIRK AV OWNERS CORP  
 Mailing Address: 875 MAMARONECK AV  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: MAMARONECK, NY 10543  
 Mailing Contact: FREDERICK MEHLMAN, PRES.  
 Mailing Telephone: (914) 381-5420  
 Owner Mark: First Owner  
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
 Facility Addr2: 2701 NEWKIRK AVE  
 SWIS ID: 6101  
 Old PBS Number: Not reported  
 Facility Type: APARTMENT BUILDING  
 Inspected Date: Not reported  
 Inspector: Not reported  
 Inspection Result: Not reported  
 Federal ID: Not reported  
 Certification Flag: False  
 Certification Date: 09/30/1999  
 Expiration Date: 07/07/2002  
 Renew Flag: False  
 Renewal Date: Not reported  
 Total Capacity: 4000  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2701 NEWKIRK AVE (Continued)**

**U001834410**

Tank Id: 001  
 Tank Location: UNDERGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 4000  
 Product Stored: NOS 5 OR 6 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Second Containment: None  
 Leak Detection: In-tank System  
 Overfill Prot: Product Level Gauge  
 Dispenser: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 Lat/long: Not reported

**O58**  
**NNE**  
**1/8-1/4**  
**0.183 mi.**  
**965 ft.**

**ST JEROMES CONVENT**  
**455 E 29TH ST**  
**BROOKLYN, NY 11226**  
**Site 2 of 2 in cluster O**

**UST** **U003074517**  
**HIST UST** **N/A**  
**AST**  
**HIST AST**

**Relative:**  
**Higher**

UST:  
 Facility Id: 2-283363  
 Region: STATE  
 DEC Region: 2  
 Site Status: Unregulated  
 Program Type: PBS  
 Expiration Date: N/A  
 UTM X: 588876.97323  
 UTM Y: 4499227.095139999

**Actual:**  
**24 ft.**

Affiliation Records:  
 Site Id: 12508  
 Affiliation Type: Owner  
 Company Name: ST JEROMES RC CHURCH  
 Contact Type: Not reported  
 Contact Name: Not reported  
 Address1: 2900 NEWKIRK AVE  
 Address2: Not reported  
 City: BROOKLYN  
 State: NY  
 Zip Code: 11226-7899  
 Country Code: 001  
 Phone: (718) 462-0223  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Modified By: TRANSLAT  
Date Last Modified: 3/4/2004  
  
Site Id: 12508  
Affiliation Type: Mail Contact  
Company Name: ST JEROMES RC CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKIRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12508  
Affiliation Type: On-Site Operator  
Company Name: ST JEROMES CONVENT  
Contact Type: Not reported  
Contact Name: ST JERMOMES CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 469-0234  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12508  
Affiliation Type: Emergency Contact  
Company Name: ST JEROMES RC CHURCH  
Contact Type: Not reported  
Contact Name: PASTOR OF CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Equipment Records:

D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
I00 - Overfill - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None

Tank Info:

Site ID: 12508  
  
Tank Number: 001  
Tank ID: 14894  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 2000  
Tightness Test Method: 03  
Next Test Date: Not reported  
Date Tank Closed: 03/01/1989  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: 10/01/1987  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

HIST UST:

PBS Number: 2-283363  
SPDES Number: Not reported  
Emergency Contact: PASTOR OF CHURCH  
Emergency Telephone: (718) 462-0223  
Operator: ST JERMOMES CHURCH  
Operator Telephone: (718) 469-0234  
Owner Name: ST JEROMES RC CHURCH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Owner Address: 2900 NEWKIRK AVE  
Owner City,St,Zip: BROOKLYN, NY 11226-7899  
Owner Telephone: (718) 462-0223  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Name: ST JEROMES RC CHURCH  
Mailing Address: 2900 NEWKIRK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226-7899  
Mailing Contact: Not reported  
Mailing Telephone: (718) 462-0223  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)  
and Subpart 360-14.  
Facility Addr2: 455 E 29TH ST  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: PRIVATE RESIDENCE  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 07/14/1987  
Expiration Date: 07/14/1992  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 2000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Not reported  
Dispenser: Suction  
Date Tested: 10/01/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 03/01/1989  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

AST:

Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Facility Id: 2-283363  
Program Type: PBS  
UTM X: 588876.97323  
UTM Y: 4499227.095139999  
Expiration Date: N/A

Affiliation Records:

Site Id: 12508  
Affiliation Type: Owner  
Company Name: ST JEROMES RC CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKIRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12508  
Affiliation Type: Mail Contact  
Company Name: ST JEROMES RC CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKIRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12508  
Affiliation Type: On-Site Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Company Name: ST JEROMES CONVENT  
Contact Type: Not reported  
Contact Name: ST JERMOMES CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 469-0234  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12508  
Affiliation Type: Emergency Contact  
Company Name: ST JEROMES RC CHURCH  
Contact Type: Not reported  
Contact Name: PASTOR OF CHURCH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
I00 - Overfill - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 1  
Tank Id: 43615  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Tank Converted to Non-Regulated Use  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 03/01/1989  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 08/01/1996  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Tank Number: 2  
Tank Id: 43616  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Tank Converted to Non-Regulated Use  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 03/01/1989  
Capacity Gallons: 275  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 08/01/1996  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

HIST AST:

PBS Number: 2-283363  
SWIS Code: 6101  
Operator: ST JERMOMES CHURCH  
Facility Phone: (718) 469-0234  
Facility Addr2: 455 E 29TH ST  
Facility Type: PRIVATE RESIDENCE  
Emergency: PASTOR OF CHURCH  
Emergency Tel: (718) 462-0223  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: ST JEROMES RC CHURCH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Owner Address: 2900 NEWKIRK AVE  
Owner City,St,Zip: BROOKLYN, NY 11226-7899  
Federal ID: Not reported  
Owner Tel: (718) 462-0223  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: ST JEROMES RC CHURCH  
Mailing Address: 2900 NEWKIRK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226-7899  
Mailing Telephone: (718) 462-0223  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.  
  
Certification Flag: False  
Certification Date: 07/14/1987  
Expiration: 07/14/1992  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 1  
Tank Location: ABOVEGROUND  
Tank Status: Tank Converted To Non-Regulated Use  
Install Date: 19890301  
Capacity (Gal): 275  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Not reported  
Leak Detection: Not reported  
Overfill Protection: Not reported  
Dispenser Method: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 08/01/1996  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES CONVENT (Continued)**

**U003074517**

Lat/Long: Not reported

Tank ID: 2  
Tank Location: ABOVEGROUND  
Tank Status: Tank Converted To Non-Regulated Use  
Install Date: 19890301  
Capacity (Gal): 275  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Not reported  
Leak Detection: Not reported  
Overfill Protection: Not reported  
Dispenser Method: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 08/01/1996  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

**59**  
**SE**  
**1/8-1/4**  
**0.185 mi.**  
**979 ft.**

**650 AARON MGT.**  
**650 E. 29 ST**  
**BROOKLYN, NY 11210**

**AST A100147069**  
**N/A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-604041  
Program Type: PBS  
UTM X: 588930.86351000005  
UTM Y: 4498741.8085500002  
Expiration Date: 2014/04/05

**Actual:**  
**24 ft.**

Affiliation Records:  
Site Id: 25927  
Affiliation Type: Owner  
Company Name: 650 AARON MGT.  
Contact Type: AGENT  
Contact Name: 650 AARON MGT.  
Address1: POB 290521  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11229  
Country Code: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**650 AARON MGT. (Continued)**

**A100147069**

Phone: (917) 208-5191  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 2/24/2009

Site Id: 25927  
Affiliation Type: Mail Contact  
Company Name: 650 AARON MGT., INC.  
Contact Type: Not reported  
Contact Name: 650 AARON MGT., INC.  
Address1: POBOX 290521  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11229  
Country Code: 001  
Phone: (917) 208-5191  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKyer  
Date Last Modified: 3/17/2004

Site Id: 25927  
Affiliation Type: On-Site Operator  
Company Name: 650 AARON MGT.  
Contact Type: Not reported  
Contact Name: PAUL AROROFSKY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 434-4788  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKyer  
Date Last Modified: 3/17/2004

Site Id: 25927  
Affiliation Type: Emergency Contact  
Company Name: Not reported  
Contact Type: Not reported  
Contact Name: MR. SANCHEZ  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (917) 208-5191  
Phone Ext: Not reported  
Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**650 AARON MGT. (Continued)**

**A100147069**

Fax Number: Not reported  
Modified By: KAKyer  
Date Last Modified: 3/17/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)  
G03 - Tank Secondary Containment - Vault (w/o access)  
H00 - Tank Leak Detection - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
C01 - Pipe Location - Aboveground  
I05 - Overfill - Vent Whistle  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None

Tank Info:

Tank Number: 001  
Tank Id: 56459  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1986  
Capacity Gallons: 2500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 02/24/2009

**S60**  
**NNW**  
**1/8-1/4**  
**0.186 mi.**  
**983 ft.**

**2604-2610 NEWKIRK LLC**  
**2604 NEWKIRK AVENUE**  
**BROOKLYN, NY 11226**

**Site 1 of 4 in cluster S**

**AST A100175121**  
**N/A**

**Relative:**  
**Higher**

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-339458  
Program Type: PBS  
UTM X: 588637.61525000003  
UTM Y: 4499258.8540599998  
Expiration Date: 2014/02/04

**Actual:**  
**30 ft.**

Affiliation Records:

Site Id: 16355  
Affiliation Type: Owner  
Company Name: 2604 NEWKIRK LLC  
Contact Type: OWNER  
Contact Name: GEORGE ANDREW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2604-2610 NEWKIRK LLC (Continued)**

**A100175121**

Address1: 4618 AVENUE I  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11234  
Country Code: 001  
Phone: (718) 377-5112  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 11/21/2008

Site Id: 16355  
Affiliation Type: Mail Contact  
Company Name: GEORGE ANDREW  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2604 NEWKIRK LLC  
Address2: 4618 AVENUE I  
City: BROOKLYN  
State: NY  
Zip Code: 11234  
Country Code: 001  
Phone: (718) 377-5112  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 11/21/2008

Site Id: 16355  
Affiliation Type: On-Site Operator  
Company Name: 2604-2610 NEWKIRK LLC  
Contact Type: Not reported  
Contact Name: GEORGE & JANIS ANDREW  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 377-5112  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16355  
Affiliation Type: Emergency Contact  
Company Name: 2604 NEWKIRK AVE LLC  
Contact Type: Not reported  
Contact Name: ANTHONY CHARLS  
Address1: Not reported  
Address2: Not reported  
City: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2604-2610 NEWKIRK LLC (Continued)**

**A100175121**

State: NN  
 Zip Code: Not reported  
 Country Code: 001  
 Phone: (718) 826-6596  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported  
 Modified By: TRANSLAT  
 Date Last Modified: 3/4/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating  
 K01 - Spill Prevention - Catch Basin  
 A00 - Tank Internal Protection - None  
 D01 - Pipe Type - Steel/Carbon Steel/Iron  
 J01 - Dispenser - Submersible  
 L00 - Piping Leak Detection - None  
 G00 - Tank Secondary Containment - None  
 H05 - Tank Leak Detection - In-Tank System (ATG)  
 C01 - Pipe Location - Aboveground  
 E00 - Piping Secondary Containment - None  
 F01 - Pipe External Protection - Painted/Asphalt Coating  
 I01 - Overfill - Float Vent Valve

Tank Info:

Tank Number: 001  
 Tank Id: 30997  
 Tank Location: 3  
 Tank Type: Steel/Carbon Steel/Iron  
 Tank Status: In Service  
 Tank Model: Not reported  
 Pipe Model: Not reported  
 Install Date: 07/01/1981  
 Capacity Gallons: 3000  
 Tightness Test Method: NN  
 Date Test: Not reported  
 Next Test Date: Not reported  
 Date Tank Closed: Not reported  
 Register: True  
 Modified By: MSBAPTIS  
 Last Modified: 11/21/2008

**T61**  
**NNE**  
**1/8-1/4**  
**0.186 mi.**  
**984 ft.**

**2900 NEWARK AVE.**  
**2900 NEWARK AVE.**  
**NEW YORK CITY, NY**  
**Site 1 of 4 in cluster T**

**LTANKS** **S100144754**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:

Site ID: 264080  
 Spill No: 8704695  
 Spill Date: 9/4/1987  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 11/4/1993

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2900 NEWARK AVE. (Continued)**

**S100144754**

Facility Addr2: Not reported  
Cleanup Ceased: 11/4/1993  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: BATTISTA  
Referred To: Not reported  
Reported to Dept: 9/4/1987  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 9/14/1987  
Spill Record Last Update: 2/15/1994  
Spiller Name: Not reported  
Spiller Company: ST. JEROME  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 215254  
DEC Memo: Not reported  
Remarks: WILL EXCAVATE, REPAIR AND RETEST, UNABLE TO STABILIZE TEST- DIRECT ACCESS PIPE MAY BE CRACKED. CONTACT FR. STAFFORD 718 462-0233.

Material:  
Site ID: 264080  
Operable Unit ID: 911171  
Operable Unit: 01  
Material ID: 467319  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 264080  
Spill Tank Test: 1531563  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2900 NEWARK AVE. (Continued)

S100144754

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8704695  
Spill Date: 09/04/1987  
Spill Time: 18:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 11/04/93  
Cleanup Ceased: 11/04/93  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 09/04/87  
Reported to Department Time: 18:07  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ST. JEROME  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 462-0233  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-192457  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/14/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/15/94  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2900 NEWARK AVE. (Continued)

S100144754

Gross Leak Rate: Not reported  
Material:  
Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 11/04/93: INSTALLED AN NEW TANK BY GND SERVICE 3/8/89.  
Spill Cause: WILL EXCAVATE, REPAIR AND RETEST, UNABLE TO STABILIZE TEST- DIRECT ACCESS PIPE MAY BE CRACKED. CONTACT FR. STAFFORD 718 462-0233.

62  
NNE  
1/8-1/4  
0.189 mi.  
997 ft.

ADENNIKA REALTY CO  
2814 NEWKIRK AVE  
BROOKLYN, NY 11226

AST U003392193  
HIST AST N/A

Relative:  
Higher

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-219266  
Program Type: PBS  
UTM X: 588811.31264999998  
UTM Y: 4499277.8887700001  
Expiration Date: 2008/01/07

Actual:  
24 ft.

Affiliation Records:  
Site Id: 8393  
Affiliation Type: Owner  
Company Name: SHIRLEY NECKLES  
Contact Type: OWNER  
Contact Name: SHIRLEY NECKLES  
Address1: RUGBY POST OFFICE BOX 87  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11203  
Country Code: 001  
Phone: (718) 859-0775  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kxtang  
Date Last Modified: 5/14/2004

Site Id: 8393  
Affiliation Type: Mail Contact  
Company Name: ADENNIKA REALTY CORP  
Contact Type: Not reported  
Contact Name: SHIRLEY NECKLES  
Address1: 779 EAST 21ST STREET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADENNIKA REALTY CO (Continued)**

**U003392193**

Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-0775  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kxtang  
Date Last Modified: 5/12/2004

Site Id: 8393  
Affiliation Type: On-Site Operator  
Company Name: ADENNIKA REALTY CORP  
Contact Type: Not reported  
Contact Name: MARCUS BROWN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-0869  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kxtang  
Date Last Modified: 5/12/2004

Site Id: 8393  
Affiliation Type: Emergency Contact  
Company Name: SHIRLEY NECKLES  
Contact Type: Not reported  
Contact Name: NATASHA OLIVER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 724-0242  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: kxtang  
Date Last Modified: 5/12/2004

Equipment Records:

H00 - Tank Leak Detection - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
C01 - Pipe Location - Aboveground  
B01 - Tank External Protection - Painted/Asphalt Coating  
J01 - Dispenser - Submersible  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
I05 - Overfill - Vent Whistle  
G00 - Tank Secondary Containment - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ADENNIKA REALTY CO (Continued)

U003392193

A01 - Tank Internal Protection - Epoxy Liner

Tank Info:

Tank Number: Noi 19236  
Tank Id: 24098  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 07/10/1984  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: kxtang  
Last Modified: 05/12/2004

HIST AST:

PBS Number: 2-219266  
SWIS Code: 6101  
Operator: ADENNIKA REALTY CO  
Facility Phone: (718) 859-0869  
Facility Addr2: 2814 NEWKIRK AVE  
Facility Type: Not reported  
Emergency: S NECKLES  
Emergency Tel: (718) 859-0869  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: SHIRLEY NECKLES  
Owner Address: 779 EAST 21ST STREET  
Owner City,St,Zip: BROOKLYN, NY 11210  
Federal ID: Not reported  
Owner Tel: (718) 859-0869  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: SHIRLEY NECKLES  
Mailing Address: 779 EAST 21ST STREET  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Telephone: (718) 859-0869  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Certification Flag: False  
Certification Date: 12/11/1997  
Expiration: 01/07/2003  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 5000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADENNIKA REALTY CO (Continued)**

**U003392193**

FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 254  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 5000  
Product Stored: LEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: Not reported  
Dispenser Method: Submersible  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

63  
NE  
1/8-1/4  
0.195 mi.  
1032 ft.

**UHURU ENTERPRISES, LTD.**  
**1904 NOSTRAND AVE**  
**BROOKLYN, NY 11226**

**AST A100153898**  
**N/A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-219487  
Program Type: PBS  
UTM X: 588965.87866000005  
UTM Y: 4499199.9289999995  
Expiration Date: 2014/09/02

**Actual:**  
**24 ft.**

Affiliation Records:  
Site Id: 8413  
Affiliation Type: Mail Contact  
Company Name: PARK ROGERS REALTY LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UHURU ENTERPRISES, LTD. (Continued)**

**A100153898**

Contact Type: Not reported  
Contact Name: JAY LEVI  
Address1: PO BOX 180451  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 437-0404  
Phone Ext: Not reported  
Email: SARAH@SUPERRELIABLE.COM  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 11/8/2010

Site Id: 8413  
Affiliation Type: On-Site Operator  
Company Name: UHURU ENTERPRISES, LTD.  
Contact Type: Not reported  
Contact Name: JAY LEVI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 437-0404  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 11/8/2010

Site Id: 8413  
Affiliation Type: Emergency Contact  
Company Name: PARK ROGERS REALTY LLC  
Contact Type: Not reported  
Contact Name: JAY LEVI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 437-0404  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 11/8/2010

Site Id: 8413  
Affiliation Type: Owner  
Company Name: PARK ROGERS REALTY LLC  
Contact Type: MANAGER  
Contact Name: STEVE LUBIN  
Address1: PO BOX 180451

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UHURU ENTERPRISES, LTD. (Continued)**

**A100153898**

Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 437-0404  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 11/8/2010

Equipment Records:

A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 24118  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 02/01/2001  
Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: BVCAMPBE  
Last Modified: 11/08/2010

**64**  
**SE**  
**1/8-1/4**  
**0.196 mi.**  
**1035 ft.**

**RACKFELL APARTMENT ASSOCIATES**  
**2047 NOSTRAND AVENUE**  
**BROOKLYN, NY 11210**

**AST U003385216**  
**HIST AST N/A**

**Relative:**  
**Lower**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-115878  
Program Type: PBS  
UTM X: 589001.43984999997  
UTM Y: 4498798.99352  
Expiration Date: 2016/05/31

**Actual:**  
**23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENT ASSOCIATES (Continued)**

**U003385216**

Affiliation Records:

Site Id: 3864  
Affiliation Type: Mail Contact  
Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: Not reported  
Contact Name: CARMELLA CHAPMAN  
Address1: P.O. BOX 100790  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: 7186) 771-667  
Phone Ext: Not reported  
Email: CARMYUSA@AOL.COM  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 4/24/2012

Site Id: 3864  
Affiliation Type: On-Site Operator  
Company Name: NOSTRAND III EQUITIES  
Contact Type: Not reported  
Contact Name: ALBERT RAMON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 677-1667  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/25/2010

Site Id: 3864  
Affiliation Type: Emergency Contact  
Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: Not reported  
Contact Name: STEVE SPERA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 677-1667  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/25/2010

Site Id: 3864  
Affiliation Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENT ASSOCIATES (Continued)**

**U003385216**

Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: OFFCIER - MIKE SPERA  
Contact Name: NOSTRAND III EQUITIES  
Address1: PO BOX 100790  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 434-9440  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 4/24/2012

Equipment Records:

E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Info:

Tank Number: 001  
Tank Id: 5295  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 08/01/1930  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 02/25/2010

HIST AST:

PBS Number: 2-115878  
SWIS Code: 6101  
Operator: FOREMOST MANAGEMENT CORP  
Facility Phone: (718) 459-9021  
Facility Addr2: 2047 NOSTRAND AVENUE  
Facility Type: APARTMENT BUILDING  
Emergency: LENNOX VILLAFANE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENT ASSOCIATES (Continued)**

**U003385216**

Emergency Tel: (718) 434-1707  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: RACKFELL APARTMENTS ASSOC  
Owner Address: 97-77 QUEENS BLVD  
Owner City,St,Zip: REGO PARK, NY 11374  
Federal ID: Not reported  
Owner Tel: (718) 459-9021  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: RACKFELL APARTMENTS ASSOC  
Mailing Address: 97-77 QUEENS BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: REGO PARK, NY 11374  
Mailing Telephone: (718) 459-9021  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 05/20/1997  
Expiration: 05/07/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: 19300801  
Capacity (Gal): 5000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENT ASSOCIATES (Continued)**

**U003385216**

Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
SPDES Number: Not reported  
Lat/Long: Not reported

**Q65  
NW  
1/8-1/4  
0.200 mi.  
1055 ft.**

**CONSOLIDATED EDISON  
BEDFORD AVE & FLATBUSH AVE  
BROOKLYN, NY 11201**

**MANIFEST S108980710  
N/A**

**Site 3 of 4 in cluster Q**

**Relative:  
Higher**

NY MANIFEST:  
EPA ID: NYP004156154  
Country: USA  
Mailing Name: CONSOLIDATED EDISON  
Mailing Contact: FRANKLYN MURRAY  
Mailing Address: 4 IRVING PLACE RM 828  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10003  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-460-2808

**Actual:  
31 ft.**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2008-01-29  
Trans1 Recv Date: 2008-01-29  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2008-01-30  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004156154  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: NYD077444263  
Waste Code: Not reported  
Quantity: 100.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 000324717FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108980710**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-29
Trans1 Recv Date:	2008-01-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004156154
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	NYD077444263
Waste Code:	Not reported
Quantity:	100.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000324717FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-29
Trans1 Recv Date:	2008-01-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004156154
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108980710**

TSDF ID: NYD077444263  
Waste Code: Not reported  
Quantity: 100.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 000324717FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

**Q66  
NW  
1/8-1/4  
0.200 mi.  
1055 ft.**

**CONSOLIDATED EDISON  
FLATBUSH AVE & BEDFORD AVE  
BROOKLYN, NY 11201  
Site 4 of 4 in cluster Q**

**MANIFEST S108933293  
N/A**

**Relative:  
Higher**

NY MANIFEST:  
EPA ID: NYP004154027  
Country: USA  
Mailing Name: CONSOLIDATED EDISON  
Mailing Contact: FRANKLYN MURRAY  
Mailing Address: 4 IRVING PLACE RM 828  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10003  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-460-2808

**Actual:  
31 ft.**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-09-29  
Trans1 Recv Date: 2007-09-29  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-10-01  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004154027  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: NYD077444263  
Waste Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108933293**

Quantity: 800.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 8.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 001437130FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: Y  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-10-07  
Trans1 Recv Date: 2007-10-07  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-10-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004154027  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 50.0  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 001437138FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108933293**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 9/29/2007  
Trans1 Recv Date: 9/29/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/1/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004154027  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 800  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 8  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 001437130FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: Y  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD006982359  
Trans2 State ID: Not reported  
Generator Ship Date: 10/7/2007  
Trans1 Recv Date: 10/7/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYP004154027  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NYD077444263  
Waste Code: Not reported  
Quantity: 50  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 1  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONSOLIDATED EDISON (Continued)**

**S108933293**

Year: 2007  
Manifest Tracking Num: 001437138FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

**U67**  
**WNW**  
**1/8-1/4**  
**0.202 mi.**  
**1065 ft.**

**KHADEJA SIKANDAR**  
**2347 FOSTER AVE**  
**BKLYN, NY 11210**  
**Site 1 of 4 in cluster U**

**AST U003391204**  
**HIST AST N/A**

**Relative:**  
**Higher**

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-335274  
Program Type: PBS  
UTM X: 588374.86077999999  
UTM Y: 4499043.1891999999  
Expiration Date: 2017/10/02

**Actual:**  
**29 ft.**

Affiliation Records:  
Site Id: 15981  
Affiliation Type: Owner  
Company Name: KHADEJA SIKANDAR  
Contact Type: OWNER  
Contact Name: KHADEJA SIKANDAR  
Address1: 2347 ROSTER AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-7151  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 8/11/2010

Site Id: 15981  
Affiliation Type: Mail Contact  
Company Name: KHADEJA SIKANDAR  
Contact Type: OWNER  
Contact Name: KHADEJA SIKANDAR  
Address1: 2347 ROSTER AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KHADEJA SIKANDAR (Continued)**

**U003391204**

Zip Code: 11210  
Country Code: 001  
Phone: (718) 859-7151  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 8/11/2010

Site Id: 15981  
Affiliation Type: On-Site Operator  
Company Name: KHADEJA SIKANDAR  
Contact Type: Not reported  
Contact Name: RASHID SIKANDAR  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-7151  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 15981  
Affiliation Type: Emergency Contact  
Company Name: KHADEJA SIKANDAR  
Contact Type: Not reported  
Contact Name: RASHID SIKANDAR  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 859-7151  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None  
E00 - Piping Secondary Containment - None  
C01 - Pipe Location - Aboveground  
F00 - Pipe External Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
J02 - Dispenser - Suction  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
I05 - Overfill - Vent Whistle  
K00 - Spill Prevention - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KHADEJA SIKANDAR (Continued)**

**U003391204**

L00 - Piping Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 20951  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 10/12/1984  
Capacity Gallons: 2000  
Tightness Test Method: ZZ  
Date Test: 07/01/1992  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 11/01/2012

HIST AST:

PBS Number: 2-335274  
SWIS Code: 6101  
Operator: RASHID SIKANDAR  
Facility Phone: (718) 859-7151  
Facility Addr2: 2347 FOSTER AVE  
Facility Type: APARTMENT BUILDING  
Emergency: RASHID SIKANDAR  
Emergency Tel: (718) 859-5910  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: KHADEJA SIKANDAR  
Owner Address: 2347 ROSTER AVE  
Owner City,St,Zip: BKLYN, NY 11210  
Federal ID: Not reported  
Owner Tel: (718) 859-7151  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: KHADEJA SIKANDAR  
Mailing Address: 815 E 14 ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11230  
Mailing Telephone: (718) 859-7151  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 07/02/1999  
Expiration: 10/02/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 2000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KHADEJA SIKANDAR (Continued)**

**U003391204**

FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: No Missing Data  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City Code: 01  
 Region: 2

Tank ID: 001  
 Tank Location: ABOVEGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (Gal): 2000  
 Product Stored: UNLEADED GASOLINE  
 Tank Type: Steel/carbon steel  
 Tank Internal: 0  
 Tank External: 00  
 Pipe Location: Aboveground  
 Pipe Type: STEEL/IRON  
 Pipe Internal: None  
 Pipe External: 00  
 Tank Containment: None  
 Leak Detection: 00  
 Overfill Protection: 00  
 Dispenser Method: 0  
 Date Tested: 07/01/1992  
 Next Test Date: Not reported  
 Missing Data for Tank: No Missing Data  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: True  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**V68 2516 NEWKIRK AVE**  
**NNW 2516 NEWKIRK AVE**  
**1/8-1/4 BROOKLYN, NY 11226**  
**0.203 mi.**  
**1070 ft. Site 1 of 3 in cluster V**

**AST U003383731**  
**HIST AST N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Unregulated  
 Facility Id: 2-061581  
 Program Type: PBS  
 UTM X: 588569.39783999999  
 UTM Y: 4499259.5291999998  
 Expiration Date: N/A

**Actual:  
 31 ft.**

Affiliation Records:  
 Site Id: 1101  
 Affiliation Type: Mail Contact  
 Company Name: NAYELIE DEVELOPMENT CORP.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2516 NEWKIRK AVE (Continued)

U003383731

Contact Type: Not reported  
Contact Name: ELSIE ORTIZ  
Address1: 1158 INTERVALE AVENUE  
Address2: Not reported  
City: BRONX  
State: NY  
Zip Code: 10459  
Country Code: 001  
Phone: (718) 842-0120  
Phone Ext: Not reported  
Email: ELSIE@PRBREALTYCORP.COM  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/26/2007

Site Id: 1101  
Affiliation Type: On-Site Operator  
Company Name: 2516 NEWKIRK AVE  
Contact Type: Not reported  
Contact Name: NEIGHBORHOOD RESTORE HDFC  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (212) 584-8981  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/26/2007

Site Id: 1101  
Affiliation Type: Emergency Contact  
Company Name: NEIGHBORHOOD RESTORE HDFC  
Contact Type: Not reported  
Contact Name: ELSIE ORTIZ  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 842-0120  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/26/2007

Site Id: 1101  
Affiliation Type: Owner  
Company Name: NEIGHBORHOOD RESTORE HDFC  
Contact Type: MANAGING AGENT  
Contact Name: ELSIE ORTIZ  
Address1: 150 BROADWAY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2516 NEWKIRK AVE (Continued)**

**U003383731**

Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10038  
Country Code: 001  
Phone: (212) 584-8981  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 10/25/2011

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
H05 - Tank Leak Detection - In-Tank System (ATG)  
G03 - Tank Secondary Containment - Vault (w/o access)  
B00 - Tank External Protection - None

Tank Info:

Tank Number: 001  
Tank Id: 2138  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 08/17/2007  
Register: True  
Modified By: KXTANG  
Last Modified: 10/26/2007

HIST AST:

PBS Number: 2-061581  
SWIS Code: 6101  
Operator: NICKSON MORENCY  
Facility Phone: (000) 000-0000  
Facility Addr2: 2516 NEWKIRK AVE  
Facility Type: Not reported  
Emergency: NICKSON MORENCY  
Emergency Tel: (000) 000-0000  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: JOSEPH BLENAIME  
Owner Address: 1102 E 38 ST  
Owner City,St,Zip: BROOKLYN, NY 11210

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2516 NEWKIRK AVE (Continued)

U003383731

Federal ID: Not reported  
Owner Tel: (000) 000-0000  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: JOSEPH BLENAIME  
Mailing Address: 1102 E 38 ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Telephone: (000) 000-0000  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 06/12/1992  
Expiration: 11/10/1991  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 2000  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND 10% OR MORE BELOW GROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 2000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: Diking  
Leak Detection: 4  
Overfill Protection: 4  
Dispenser Method: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**S69**  
**NNW**  
**1/8-1/4**  
**0.205 mi.**  
**1082 ft.**

**HOWARD MANAGEMENT CO**  
**425 E 26 ST**  
**BROOKLYN, NY 11226**  
**Site 2 of 4 in cluster S**

**HIST UST**    **U000397869**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

**Actual:**  
**29 ft.**

PBS Number: 2-241199  
 SPDES Number: Not reported  
 Emergency Contact: A WIENER  
 Emergency Telephone: (718) 875-1553  
 Operator: DEAAN WILSON  
 Operator Telephone: (718) 282-6179  
 Owner Name: 425 EAST 26TH STREET OWNERS CORPORATION  
 Owner Address: 166 MONTAGUE ST  
 Owner City,St,Zip: BROOKLYN, NY 11201  
 Owner Telephone: (718) 975-1552  
 Owner Type: Corporate/Commercial  
 Owner Subtype: Not reported  
 Mailing Name: UNITED MANAGEMENT CO.  
 Mailing Address: 166 MONTAGUE ST  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: BROOKLYN, NY 11201  
 Mailing Contact: Not reported  
 Mailing Telephone: (718) 975-1552  
 Owner Mark: First Owner  
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
 Facility Addr2: 425 E 26 ST  
 SWIS ID: 6101  
 Old PBS Number: Not reported  
 Facility Type: APARTMENT BUILDING  
 Inspected Date: Not reported  
 Inspector: Not reported  
 Inspection Result: Not reported  
 Federal ID: Not reported  
 Certification Flag: False  
 Certification Date: 02/01/1999  
 Expiration Date: 06/30/2002  
 Renew Flag: False  
 Renewal Date: Not reported  
 Total Capacity: 4000  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2  
 Tank Id: 001  
 Tank Location: UNDERGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 4000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOWARD MANAGEMENT CO (Continued)**

**U000397869**

Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Painted/Asphalt Coating  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Painted/Asphalt Coating  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: 07/01/1998  
Next Test Date: 07/01/2003  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

**S70**  
**NNW**  
**1/8-1/4**  
**0.205 mi.**  
**1082 ft.**

**425 E 26 ST**  
**425 EAST 26TH STREET**  
**BROOKLYN, NY 11226**  
**Site 3 of 4 in cluster S**

**UST U004077108**  
**N/A**

**Relative:**  
**Higher**

UST:  
Facility Id: 2-241199  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2017/06/30  
UTM X: 588633.12763999996  
UTM Y: 4499286.3285299996

**Actual:**  
**29 ft.**

Affiliation Records:  
Site Id: 9175  
Affiliation Type: Owner  
Company Name: 425 EAST 26TH STREET OWNERS CORP  
Contact Type: AGENT  
Contact Name: MEIR BOUSKILA  
Address1: 166 MONTAGUE ST  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/28/2007

Site Id: 9175  
Affiliation Type: Mail Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**425 E 26 ST (Continued)**

**U004077108**

Company Name: UNITED MANAGEMENT CORP.  
Contact Type: Not reported  
Contact Name: MEIR BOUSKILA  
Address1: 166 MONTAGUE STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 9175  
Affiliation Type: On-Site Operator  
Company Name: 425 E 26 ST  
Contact Type: Not reported  
Contact Name: HECTOR GUZMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 282-1424  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/28/2007

Site Id: 9175  
Affiliation Type: Emergency Contact  
Company Name: 425 EAST 26TH STREET OWNERS CORP  
Contact Type: Not reported  
Contact Name: UNITED MANAGEMENT CORP  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**425 E 26 ST (Continued)**

**U004077108**

- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- G00 - Tank Secondary Containment - None
- G00 - Tank Secondary Containment - None
- C02 - Pipe Location - Underground/On-ground
- C02 - Pipe Location - Underground/On-ground
- F01 - Pipe External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- F01 - Pipe External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None

Tank Info:

Site ID: 9175

Tank Number: 001  
 Tank ID: 9917  
 Tank Status: Closed - In Place  
 Tank Model: Not reported  
 Pipe Model: Not reported  
 Install Date: Not reported  
 Capacity Gallons: 4000  
 Tightness Test Method: 03  
 Next Test Date: Not reported  
 Date Tank Closed: 11/03/2002  
 Tank Location: 5  
 Tank Type: Steel/carbon steel  
 Date Test: 07/01/1998  
 Register: True  
 Modified By: TRANSLAT  
 Last Modified: 03/04/2004

**S71**  
**NNW**  
**1/8-1/4**  
**0.205 mi.**  
**1082 ft.**

**425 E 26 ST**  
**425 EAST 26TH STREET**  
**BROOKLYN, NY 11226**  
**Site 4 of 4 in cluster S**

**AST A100292348**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**29 ft.**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-241199  
 Program Type: PBS  
 UTM X: 588633.12763999996  
 UTM Y: 4499286.3285299996  
 Expiration Date: 2017/06/30

Affiliation Records:  
 Site Id: 9175  
 Affiliation Type: Owner  
 Company Name: 425 EAST 26TH STREET OWNERS CORP  
 Contact Type: AGENT  
 Contact Name: MEIR BOUSKILA  
 Address1: 166 MONTAGUE ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

425 E 26 ST (Continued)

A100292348

Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/28/2007

Site Id: 9175  
Affiliation Type: Mail Contact  
Company Name: UNITED MANAGEMENT CORP.  
Contact Type: Not reported  
Contact Name: MEIR BOUSKILA  
Address1: 166 MONTAGUE STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11201  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 9175  
Affiliation Type: On-Site Operator  
Company Name: 425 E 26 ST  
Contact Type: Not reported  
Contact Name: HECTOR GUZMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 282-1424  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 3/28/2007

Site Id: 9175  
Affiliation Type: Emergency Contact  
Company Name: 425 EAST 26TH STREET OWNERS CORP  
Contact Type: Not reported  
Contact Name: UNITED MANAGEMENT CORP  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**425 E 26 ST (Continued)**

**A100292348**

Zip Code: Not reported  
Country Code: 001  
Phone: (718) 875-1552  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
B01 - Tank External Protection - Painted/Asphalt Coating  
I04 - Overfill - Product Level Gauge (A/G)  
G00 - Tank Secondary Containment - None  
G00 - Tank Secondary Containment - None  
C02 - Pipe Location - Underground/On-ground  
C02 - Pipe Location - Underground/On-ground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 002  
Tank Id: 67181  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/21/1962  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 07/06/2012

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**V72**            **YANKY HOUSING LLC**  
**NNW**           **2513 NEWKIRK AVE**  
**1/8-1/4**        **BROOKLYN, NY 11226**  
**0.205 mi.**  
**1084 ft.**      **Site 2 of 3 in cluster V**

**AST**    **A100296815**  
**N/A**

**Relative:**  
**Higher**

AST:  
Region:                    STATE  
DEC Region:             2  
Site Status:             Active  
Facility Id:              2-607879  
Program Type:          PBS  
UTM X:                    588528.59657000005  
UTM Y:                    4499294.4149799999  
Expiration Date:        2015/08/17

**Actual:**  
**31 ft.**

Affiliation Records:  
Site Id:                    29731  
Affiliation Type:        Mail Contact  
Company Name:          PINNACLE GROUP  
Contact Type:            Not reported  
Contact Name:           MEIR BOUSKILA  
Address1:                P O BOX 1919  
Address2:                Not reported  
City:                      NEW YORK  
State:                      NY  
Zip Code:                 10119  
Country Code:            001  
Phone:                    (212) 564-2111  
Phone Ext:                Not reported  
Email:                     Not reported  
Fax Number:              Not reported  
Modified By:              MSBAPTIS  
Date Last Modified:     6/17/2010

Site Id:                    29731  
Affiliation Type:        On-Site Operator  
Company Name:          YANKY HOUSING LLC  
Contact Type:            Not reported  
Contact Name:           MOHAMED YONNES  
Address1:                Not reported  
Address2:                Not reported  
City:                      Not reported  
State:                      NN  
Zip Code:                 Not reported  
Country Code:            001  
Phone:                    (646) 235-9070  
Phone Ext:                Not reported  
Email:                     Not reported  
Fax Number:              Not reported  
Modified By:              MSBAPTIS  
Date Last Modified:     6/17/2010

Site Id:                    29731  
Affiliation Type:        Emergency Contact  
Company Name:          2513 NEWKIRK LLC  
Contact Type:            Not reported  
Contact Name:           ED LJESJNANIN  
Address1:                Not reported  
Address2:                Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YANKY HOUSING LLC (Continued)**

**A100296815**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (917) 418-0363  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 6/17/2010

Site Id: 29731  
Affiliation Type: Owner  
Company Name: 2513 NEWKIRK LLC  
Contact Type: MEMBER  
Contact Name: MEIR BOUSKILA  
Address1: P O BOX 1919  
Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10119  
Country Code: 001  
Phone: (212) 564-2111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: MSBAPTIS  
Date Last Modified: 6/17/2010

Equipment Records:

D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
K00 - Spill Prevention - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
B99 - Tank External Protection - Other  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
E00 - Piping Secondary Containment - None  
I01 - Overfill - Float Vent Valve

Tank Info:

Tank Number: 1  
Tank Id: 63720  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 09/08/1998  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YANKY HOUSING LLC (Continued)**

**A100296815**

Date Tank Closed: Not reported  
Register: True  
Modified By: MSBAPTIS  
Last Modified: 06/17/2010

**V73**  
**NNW**  
**1/8-1/4**  
**0.205 mi.**  
**1084 ft.**

**2513 NEW KIRK AVE.**  
**2513 NEW KIRK AVE**  
**BROOKLYN, NY**  
**Site 3 of 3 in cluster V**

**LTANKS** **S102671943**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:

**Actual:**  
**31 ft.**

Site ID: 279668  
Spill No: 9207244  
Spill Date: 9/20/1992  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 9/23/1992  
Facility Addr2: Not reported  
Cleanup Ceased: 9/23/1992  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: MITCHELL  
Referred To: Not reported  
Reported to Dept: 9/23/1992  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Citizen  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 9/23/1992  
Spill Record Last Update: 4/18/2003  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 227109  
DEC Memo: Not reported  
Remarks: OIL ALL OVER EVERYTHING NO CLEANUP ACTION TAKEN

Material:

Site ID: 279668  
Operable Unit ID: 974219  
Operable Unit: 01  
Material ID: 407894  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2513 NEW KIRK AVE. (Continued)**

**S102671943**

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

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 9207244  
Spill Date: 09/20/1992  
Spill Time: 12:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 09/23/92  
Cleanup Ceased: 09/23/92  
Cleanup Meets Standard: True  
Investigator: MITCHELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 09/23/92  
Reported to Department Time: 08:34  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2513 NEW KIRK AVE. (Continued)

S102671943

Spill Notifier: Citizen  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/23/92  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Spill Cause: OIL ALL OVER EVERYTHING NO CLEANUP ACTION TAKEN

T74  
NNE  
1/8-1/4  
0.207 mi.  
1091 ft.

ST JEROMES RECTORY  
2900 NEWKIRK AVE  
BROOKLYN, NY 11226

Site 2 of 4 in cluster T

UST U003074475  
HIST UST N/A  
AST  
HIST AST

Relative:  
Higher

UST:

Facility Id: 2-192457  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Program Type: PBS  
Expiration Date: N/A  
UTM X: 588870.30327000003  
UTM Y: 4499276.9046400003

Actual:  
24 ft.

Affiliation Records:

Site Id: 6053  
Affiliation Type: Owner  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

Contact Name: Not reported  
Address1: 2900 NEWKRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/14/2004

Site Id: 6053  
Affiliation Type: Mail Contact  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/14/2004

Site Id: 6053  
Affiliation Type: On-Site Operator  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: ST JEROMES RECTORY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 6053  
Affiliation Type: Emergency Contact  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: REV JOSEPH L STAFFORD  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None

Tank Info:

Site ID: 6053  
  
Tank Number: 001  
Tank ID: 11308  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: 03/01/1989  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

HIST UST:

PBS Number: 2-192457  
SPDES Number: Not reported  
Emergency Contact: REV JOSEPH L STAFFORD  
Emergency Telephone: (718) 462-0223  
Operator: ST JEROMES RECTORY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

Operator Telephone: (718) 462-0223  
Owner Name: ST JEROMES RECTORY  
Owner Address: 2900 NEWKRK AVE  
Owner City,St,Zip: BKLYN, NY 11226-7899  
Owner Telephone: (718) 462-0223  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Name: ST JEROMES RECTORY  
Mailing Address: 2900 NEWKRK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11226-7899  
Mailing Contact: Not reported  
Mailing Telephone: (718) 462-0223  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)  
and Subpart 360-14.  
Facility Addr2: 2900 NEWKIRK AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: Not reported  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 07/07/1987  
Expiration Date: 07/07/1992  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: 0  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: Not reported  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: None  
Leak Detection: None  
Overfill Prot: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 03/01/1989  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

AST:

Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Facility Id: 2-192457  
Program Type: PBS  
UTM X: 588870.30327000003  
UTM Y: 4499276.9046400003  
Expiration Date: N/A

Affiliation Records:

Site Id: 6053  
Affiliation Type: Owner  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/14/2004

Site Id: 6053  
Affiliation Type: Mail Contact  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKRK AVE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226-7899  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/14/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

Site Id: 6053  
Affiliation Type: On-Site Operator  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: ST JEROMES RECTORY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 6053  
Affiliation Type: Emergency Contact  
Company Name: ST JEROMES RECTORY  
Contact Type: Not reported  
Contact Name: REV JOSEPH L STAFFORD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
J02 - Dispenser - Suction  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
B00 - Tank External Protection - None  
I00 - Overfill - None  
D00 - Pipe Type - No Piping  
G00 - Tank Secondary Containment - None  
J00 - Dispenser - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None

Tank Info:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

Tank Number: 1  
Tank Id: 43618  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Tank Converted to Non-Regulated Use  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 03/01/1989  
Capacity Gallons: 1080  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 08/01/1996  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

**HIST AST:**

PBS Number: 2-192457  
SWIS Code: 6101  
Operator: ST JEROMES RECTORY  
Facility Phone: (718) 462-0223  
Facility Addr2: 2900 NEWKIRK AVE  
Facility Type: Not reported  
Emergency: REV JOSEPH L STAFFORD  
Emergency Tel: (718) 462-0223  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: ST JEROMES RECTORY  
Owner Address: 2900 NEWKRK AVE  
Owner City,St,Zip: BKLYN, NY 11226-7899  
Federal ID: Not reported  
Owner Tel: (718) 462-0223  
Owner Type: Not reported  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: ST JEROMES RECTORY  
Mailing Address: 2900 NEWKRK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11226-7899  
Mailing Telephone: (718) 462-0223  
Owner Mark: First Owner  
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.  
Certification Flag: False  
Certification Date: 07/07/1987  
Expiration: 07/07/1992  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 0  
FAMT: True  
Facility Screen: Minor Data Missing  
Owner Screen: Minor Data Missing  
Tank Screen: 0  
Dead Letter: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST JEROMES RECTORY (Continued)**

**U003074475**

CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City Code: 01  
 Region: 2

Tank ID: 1  
 Tank Location: ABOVEGROUND  
 Tank Status: Tank Converted To Non-Regulated Use  
 Install Date: 19890301  
 Capacity (Gal): 1080  
 Product Stored: NOS 1,2, OR 4 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: Not reported  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Tank Containment: Not reported  
 Leak Detection: Not reported  
 Overfill Protection: Not reported  
 Dispenser Method: Not reported  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: 08/01/1996  
 Test Method: Not reported  
 Deleted: False  
 Updated: True  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**T75**  
**NNE**  
 1/8-1/4  
 0.207 mi.  
 1095 ft.

**2900 NEWKIRK AVE**  
**2900 NEWKIRK AVE.**  
**NEW YORK CITY, NY**  
**Site 3 of 4 in cluster T**

**LTANKS** **S100145172**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:  
 Site ID: 140278  
 Spill No: 8705859  
 Spill Date: 10/12/1987  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 3/17/2006  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: KJCARPEN  
 Referred To: Not reported  
 Reported to Dept: 10/12/1987  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2900 NEWKIRK AVE (Continued)**

**S100145172**

Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/16/1987  
Spill Record Last Update: 3/17/2006  
Spiller Name: Not reported  
Spiller Company: ST. JEROME'S CHURCH  
Spiller Address: 2900 NEWKIRK AVE.  
Spiller City,St,Zip: B, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 119795  
DEC Memo: 3/17/06 Contacted the church several times. Father Sansaricq was supposed to check the records and get back to us. He did not. According to PBS, the tank was abandoned in 1989 when it was replaced by a smaller tank. Because the tank was in use for well over one year after the reported tank test failure, and because, according to PBS, it utilized suction lines, will close spill. Kevin Carpenter closed spill on 3/17/06.  
Remarks: 3K TANK FAILED WITH A HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE, AND RETEST.

Material:  
Site ID: 140278  
Operable Unit ID: 911908  
Operable Unit: 01  
Material ID: 468428  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 140278  
Spill Tank Test: 1531897  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 274232  
Spill No: 8803697

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2900 NEWKIRK AVE (Continued)

S100145172

Spill Date: 7/28/1988  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 3/5/2003  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: ADMIN. CLOSED  
Referred To: Not reported  
Reported to Dept: 7/28/1988  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 8/2/1988  
Spill Record Last Update: 3/19/2003  
Spiller Name: Not reported  
Spiller Company: ST. JEROME'S CHURCH  
Spiller Address: 2900 NEWKIRK AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 223054  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ADMIN.CLOSED"11/17/88: Tank Failed On 11/17/88 At 18:00, Leak Rate Was -.129Gph, Checking Tank (May Replace). 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report  
Remarks: TANK AT SCHOOL (5K), LEVEL COULDN'T BE MAINTAINED. TANK AT RECTORY(3K)L R= -.495GPH. WILL E & I & R. 3K TANK(CONV), L R= -0.884GPH. 11/7: ALL TANKS FAIL RETESTS. MAY TAKE OUT OF SERVICE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.  
Material:  
Site ID: 274232  
Operable Unit ID: 920863  
Operable Unit: 01  
Material ID: 459235  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2900 NEWKIRK AVE (Continued)

S100145172

Tank Test:

Site ID: 274232  
Spill Tank Test: 1534360  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8803697  
Spill Date: 07/28/1988  
Spill Time: 13:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/28/88  
Reported to Department Time: 14:23  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ST. JEROME'S CHURCH  
Spiller Address: 2900 NEWKIRK AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 462-0223  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-283371  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2900 NEWKIRK AVE (Continued)

S100145172

Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/02/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/27/92  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 11/17/88: TANK FAILED ON 11/17/88 AT 18:00, LEAK RATE WAS -.129GPH, CHECKING TANK MAY REPLACE).  
Spill Cause: TANK AT SCHOOL 5K), LEVEL COULDN T BE MAINTAINED. TANK AT RECTORY 3K)L R=-.495GPH. WILL E I R. 3K TANK CONV), L R=-0.884GPH. 11/7: ALL TANKS FAIL RETESTS. MAY TAKE OUT OF SERVICE.

T76  
NNE  
1/8-1/4  
0.207 mi.  
1095 ft.

2900 NEWKIRK AVE./ST. JER  
2900 NEWKIRK AVE.  
NEW YORK CITY, NY  
Site 4 of 4 in cluster T

HIST LTANKS S100144817  
N/A

Relative:  
Higher

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8705859  
Spill Date: 10/12/1987  
Spill Time: 18:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2900 NEWKIRK AVE./ST. JER (Continued)**

**S100144817**

Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/12/87  
Reported to Department Time: 20:46  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: ST. JEROME'S CHURCH  
Spiller Address: 2900 NEWKIRK AVE.  
Spiller City,St,Zip: B, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-192457  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/16/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/24/92  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: 3K TANK FAILED WITH A HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE, AND RETEST.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

77  
NW  
1/8-1/4  
0.208 mi.  
1097 ft.

**COURTESY CLEANERS**  
**1250 FLATBUSH AVENUE**  
**BROOKLYN, NY 11226**

**RCRA-CESQG**  
**FINDS**  
**MANIFEST**  
**US AIRS**

**1000370007**  
**NYD981083793**

**Relative:**  
**Higher**

RCRA-CESQG:

Date form received by agency: 01/01/2007

Facility name: COURTESY CLEANERS

Facility address: 1280 FLATBUSH AVE  
BROOKLYN, NY 11226

EPA ID: NYD981083793

Mailing address: FLATBUSH AVE  
BROOKLYN, NY 11226

Contact: Not reported

Contact address: FLATBUSH AVE  
BROOKLYN, NY 11226

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: Not reported  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: COURTESY CLEANERS  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999  
Facility name: COURTESY CLEANERS  
Classification: Small Quantity Generator

Date form received by agency: 07/15/1985  
Facility name: COURTESY CLEANERS  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002361872

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**NY MANIFEST:**

EPA ID: NYD981083793  
Country: USA  
Mailing Name: COURTESY CLNRS  
Mailing Contact: MISS CHUNG  
Mailing Address: 1280 FLATBUSH AVENUE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11226  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-287-2779

Document ID: NYC1528211  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920310  
Trans1 Recv Date: 920310  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920310  
Part A Recv Date: 920317  
Part B Recv Date: 920318  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1624566  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920512  
Trans1 Recv Date: 920512  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920512  
Part A Recv Date: Not reported  
Part B Recv Date: 920526  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC3966006  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960118  
Trans1 Recv Date: 960118  
Trans2 Recv Date: 960124  
TSD Site Recv Date: 960125  
Part A Recv Date: 960130  
Part B Recv Date: 960208  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC3626234  
Manifest Status: Completed copy  
Trans1 State ID: DF2859NY  
Trans2 State ID: Not reported  
Generator Ship Date: 950803  
Trans1 Recv Date: 950803  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950803  
Part A Recv Date: 950815  
Part B Recv Date: 950811  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00060  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Document ID: NYC4085043  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960509  
Trans1 Recv Date: 960509  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960515  
Part A Recv Date: 960520  
Part B Recv Date: 960618  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYG5435316  
Manifest Status: Not reported  
Trans1 State ID: NJD000564906  
Trans2 State ID: Not reported  
Generator Ship Date: 05/23/2005  
Trans1 Recv Date: 05/23/2005  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 05/27/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: NJ420  
Trans2 EPA ID: Not reported  
TSDF ID: NJD000564906  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00260  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: Not reported

Document ID: NYC1937351  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921112  
Trans1 Recv Date: 921112  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921112  
Part A Recv Date: 921125

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Part B Recv Date: 921120  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1672514  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920602  
Trans1 Recv Date: 920602  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920602  
Part A Recv Date: Not reported  
Part B Recv Date: 920616  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1442834  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920113  
Trans1 Recv Date: 920113  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920113  
Part A Recv Date: 920128  
Part B Recv Date: 920122  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1550507  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920407  
Trans1 Recv Date: 920407  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920407  
Part A Recv Date: 920416  
Part B Recv Date: 920415  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00140  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1476123  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920211  
Trans1 Recv Date: 920211  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920211  
Part A Recv Date: 920221  
Part B Recv Date: 920221  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC4166234  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NYJE4550

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Trans2 State ID: Not reported  
Generator Ship Date: 960628  
Trans1 Recv Date: 960628  
Trans2 Recv Date: 960703  
TSD Site Recv Date: 960705  
Part A Recv Date: 960717  
Part B Recv Date: 960724  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4314846  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: 9844AZOK  
Generator Ship Date: 961118  
Trans1 Recv Date: 961118  
Trans2 Recv Date: 961125  
TSD Site Recv Date: 961126  
Part A Recv Date: 961213  
Part B Recv Date: 961219  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00120  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: 06  
Manifest Status: NYG4446081  
Trans1 State ID: NYD981083793  
Trans2 State ID: Not reported  
Generator Ship Date: NJD000564906  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: NJD000564906  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Trans2 EPA ID: N  
TSDf ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DM  
Container Type: 80  
Handling Method: P  
Specific Gravity: 1  
Waste Code: T  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYG4446081  
Trans1 State ID: NYD981083793  
Trans2 State ID: Not reported  
Generator Ship Date: NJD000564906  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: NJD000564906  
TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSDf ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DM  
Container Type: 130  
Handling Method: P  
Specific Gravity: 1  
Waste Code: T  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYG4446081  
Trans1 State ID: NYD981083793  
Trans2 State ID: Not reported  
Generator Ship Date: NJD000564906  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: NJD000564906

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

TSD Site Recv Date: Not reported  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DM  
Container Type: 80  
Handling Method: P  
Specific Gravity: 1  
Waste Code: T  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: NYA8845391  
Manifest Status: Completed copy  
Trans1 State ID: NY16549GW  
Trans2 State ID: Not reported  
Generator Ship Date: 880606  
Trans1 Recv Date: 880606  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880606  
Part A Recv Date: 880609  
Part B Recv Date: 880613  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00080  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA9023512  
Manifest Status: Completed copy  
Trans1 State ID: LP3931  
Trans2 State ID: Not reported  
Generator Ship Date: 880830  
Trans1 Recv Date: 880830  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880830  
Part A Recv Date: 880906

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Part B Recv Date: 880907  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00080  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA9050231  
Manifest Status: Completed copy  
Trans1 State ID: NYAM6252  
Trans2 State ID: Not reported  
Generator Ship Date: 880928  
Trans1 Recv Date: 880928  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880928  
Part A Recv Date: 881003  
Part B Recv Date: 881004  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00080  
Units: P - Pounds  
Number of Containers: 001  
Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA9249107  
Manifest Status: Completed copy  
Trans1 State ID: NYAY9381  
Trans2 State ID: Not reported  
Generator Ship Date: 890117  
Trans1 Recv Date: 890117  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890117  
Part A Recv Date: 890126  
Part B Recv Date: 890126  
Generator EPA ID: NYD981083793  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00080  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Container Type: CF - Fiber or plastic boxes, cartons  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

[Click this hyperlink](#) while viewing on your computer to access  
90 additional NY\_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110002361872  
Plant name: COURTESY CLEANERS  
Plant address: 1250 FLATBUSH AVENUE  
BROOKLYN, NY 112267619  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0901  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0902  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0904  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1001  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1002  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1003  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0901  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0902

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0903  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0903  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0904  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1001  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1002  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1003  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104  
Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non attainment: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COURTESY CLEANERS (Continued)**

**1000370007**

Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non attainment: UNCLASSIFIED  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non attainment: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non attainment: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

**U78**  
**WNW**  
**1/8-1/4**  
**0.211 mi.**  
**1115 ft.**

**NYNEX**  
**FOSTER & E 24TH ST**  
**BROOKLYN, NY 11205**  
**Site 2 of 4 in cluster U**

**MANIFEST 1009233124**  
**N/A**

**Relative:**  
**Higher**

NY MANIFEST:  
EPA ID: NYP000908228  
Country: USA  
Mailing Name: NYNEX  
Mailing Contact: KENT A HANDLOWITEH  
Mailing Address: 1095 AVE OF AMER  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10036  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 212-395-6040

**Actual:**  
**28 ft.**

Document ID: NJA1688128  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPES50  
Trans2 State ID: Not reported  
Generator Ship Date: 930615  
Trans1 Recv Date: 930615  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930615  
Part A Recv Date: Not reported  
Part B Recv Date: 930628  
Generator EPA ID: NYP000908228

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYNEX (Continued)**

**1009233124**

Trans1 EPA ID: NYD980761191  
 Trans2 EPA ID: Not reported  
 TSD ID: NJD002200046  
 Waste Code: D008 - LEAD 5.0 MG/L TCLP  
 Quantity: 00200  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 004  
 Container Type: DM - Metal drums, barrels  
 Handling Method: T Chemical, physical, or biological treatment.  
 Specific Gravity: 100  
 Year: 93

**U79**  
**WNW**  
**1/8-1/4**  
**0.212 mi.**  
**1121 ft.**

**2325 FOSTER AVE**  
**2325 FOSTER AVENUE**  
**NEW YORK CITY, NY**

**LTANKS** **S100146681**  
**HIST LTANKS** **N/A**

**Site 3 of 4 in cluster U**

**Relative:**  
**Higher**

LTANKS:

**Actual:**  
**28 ft.**

Site ID: 267049  
 Spill No: 9010636  
 Spill Date: 1/4/1991  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 9/30/1992  
 Facility Addr2: Not reported  
 Cleanup Ceased: 9/30/1992  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: BATTISTA  
 Referred To: Not reported  
 Reported to Dept: 1/4/1991  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/9/1991  
 Spill Record Last Update: 5/12/1994  
 Spiller Name: Not reported  
 Spiller Company: ASTON BAKER  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 217537  
 DEC Memo: Not reported  
 Remarks: 3K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE, INVESTIGATE,REPAIR & RETEST.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**S100146681**

Material:

Site ID: 267049  
Operable Unit ID: 950892  
Operable Unit: 01  
Material ID: 430777  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 267049  
Spill Tank Test: 1538127  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9010636  
Spill Date: 01/04/1991  
Spill Time: 12:02  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 09/30/92  
Cleanup Ceased: 09/30/92  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/04/91  
Reported to Department Time: 14:03  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**S100146681**

Spiller Extention: Not reported  
Spiller Name: ASTON BAKER  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 469-6761  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/09/91  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/12/94  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: 3K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE,  
INVESTIGATE,REPAIR RETEST.

**W80**  
**SE**  
**1/8-1/4**  
**0.213 mi.**  
**1124 ft.**

**RACKFELL APARTMENTS ASSOCIATES**  
**2064 NOSTRAND AVE**  
**BROOKLYN, NY 11210**  
**Site 1 of 2 in cluster W**

**AST** **U003385215**  
**HIST AST** **N/A**

**Relative:**  
**Higher**

**AST:**  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-115851  
Program Type: PBS

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENTS ASSOCIATES (Continued)**

**U003385215**

UTM X: 589005.8724899998  
UTM Y: 4498755.74627  
Expiration Date: 2016/05/31

**Affiliation Records:**

Site Id: 3863  
Affiliation Type: Mail Contact  
Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: Not reported  
Contact Name: CARMELLA CHAPMAN  
Address1: P.O. BOX 100790  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 677-1667  
Phone Ext: Not reported  
Email: CARMYUSA@AOL.COM  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 4/24/2012

Site Id: 3863  
Affiliation Type: On-Site Operator  
Company Name: NOSTRAND III EQUITIES  
Contact Type: Not reported  
Contact Name: ALBERT RAMON  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 677-1667  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 2/25/2010

Site Id: 3863  
Affiliation Type: Emergency Contact  
Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: Not reported  
Contact Name: PHIL GOLDSTEIN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 434-9440  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 3/9/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENTS ASSOCIATES (Continued)**

**U003385215**

Site Id: 3863  
Affiliation Type: Owner  
Company Name: NOSTRAND III EQUITIES LLC  
Contact Type: OFFICER - MIKE SPERA  
Contact Name: NOSTRAND III EQUITIES LLC  
Address1: PO BOX 100790  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11210  
Country Code: 001  
Phone: (718) 677-1667  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 4/24/2012

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
B00 - Tank External Protection - None  
K00 - Spill Prevention - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
G03 - Tank Secondary Containment - Vault (w/o access)  
E00 - Piping Secondary Containment - None  
H00 - Tank Leak Detection - None  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None

Tank Info:

Tank Number: 001  
Tank Id: 5294  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/01/1930  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RACKFELL APARTMENTS ASSOCIATES (Continued)**

**U003385215**

Modified By: TRANSLAT  
Last Modified: 03/04/2004

Tank Number: 002  
Tank Id: 62923  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 06/01/1999  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: NRLOMBAR  
Last Modified: 03/09/2010

**HIST AST:**

PBS Number: 2-115851  
SWIS Code: 6101  
Operator: FOREMOST MANAGEMENT CORP  
Facility Phone: (718) 459-9001  
Facility Addr2: 2064 NOSTRAND AVE  
Facility Type: APARTMENT BUILDING  
Emergency: LENNOX VILLAFANE  
Emergency Tel: (718) 434-1707  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: RACKFELL APARTMENTS ASSOCIATES  
Owner Address: 97-77 QUEENS BLVD  
Owner City,St,Zip: REGO PARK, NY 11374  
Federal ID: Not reported  
Owner Tel: (718) 459-9021  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: RACKFELL APARTMENTS ASSOCIATES  
Mailing Address: 97-77 QUEENS BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: REGO PARK, NY 11374  
Mailing Telephone: (718) 459-9021  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Certification Flag: False  
Certification Date: 05/27/1997  
Expiration: 05/07/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 3000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RACKFELL APARTMENTS ASSOCIATES (Continued)**

**U003385215**

FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City Code: 01  
 Region: 2

Tank ID: 001  
 Tank Location: ABOVEGROUND  
 Tank Status: In Service  
 Install Date: 19301201  
 Capacity (Gal): 3000  
 Product Stored: NOS 5 OR 6 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Tank Containment: Diking  
 Leak Detection: 0  
 Overfill Protection: 4  
 Dispenser Method: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**U81**      **2325 FOSTER AVE**  
**WNW**    **2325 FOSTER AVENUE**  
**1/8-1/4**   **BROOKLYN, NY 11210**  
**0.216 mi.**  
**1138 ft.**    **Site 4 of 4 in cluster U**

**LTANKS**    **U003128125**  
**UST**        **N/A**  
**HIST UST**

**Relative:**  
**Higher**

LTANKS:  
 Site ID: 274325  
 Spill No: 0208254  
 Spill Date: 11/8/2002  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: Not reported  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: TJDEMEO

**Actual:**  
**28 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**U003128125**

Referred To: Not reported  
Reported to Dept: 11/8/2002  
CID: 322  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 1  
Date Entered In Computer: 11/8/2002  
Spill Record Last Update: 8/17/2012  
Spiller Name: AUSTIN BAKER  
Spiller Company: Not reported  
Spiller Address: 2325 FOSTER AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: AUSTIN BAKER  
Spiller Phone: (718) 469-6761  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 422227  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"11/3/05 Kuldeep- contacted but no response, Austin Baker 1(718) 469-6761.10/30/06 bf: ttf letter sent to:Alexander Herman2325 Foster Realty Associates911 Avenue UBrooklyn, NY 112231/3/08 Sent second notice ttf letter to 2325 Foster realty Associates at above address. bf8/17/12 Spill re-assigned to T. Demeo as per RSE. bf tank test failure at apt. house - after test there were old lines found still connected to the tank - they believe that is the cause-retest will be done

Remarks:

Material:  
Site ID: 274325  
Operable Unit ID: 859756  
Operable Unit: 01  
Material ID: 515256  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 274325  
Spill Tank Test: 1527682  
Tank Number: 1  
Tank Size: 3000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: F  
Modified By: Spills  
Last Modified: 10/1/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**U003128125**

Test Method: Horner EZ Check I or II

UST:

Facility Id: 2-283134  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2011/02/07  
UTM X: 588358.16307000001  
UTM Y: 4499033.7094599996

Affiliation Records:

Site Id: 12488  
Affiliation Type: Mail Contact  
Company Name: 2325 FOSTER REALTY ASSOCIATES LLC  
Contact Type: MANAGING MEMBER  
Contact Name: ALEXANDER HERMAN  
Address1: 911 AVENUE U  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11223  
Country Code: 001  
Phone: (718) 382-0303  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 12488  
Affiliation Type: On-Site Operator  
Company Name: 2325 FOSTER AVE  
Contact Type: Not reported  
Contact Name: ALEXANDER HERMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (516) 680-2945  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 12488  
Affiliation Type: Emergency Contact  
Company Name: 2325 FOSTER REALTY ASSOCIATES LLC  
Contact Type: Not reported  
Contact Name: ALEXANDER HERMAN  
Address1: Not reported  
Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**U003128125**

City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (516) 680-2945  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 2/7/2006

Site Id: 12488  
Affiliation Type: Owner  
Company Name: 2325 FOSTER REALTY ASSOCIATES LLC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 911 AVENUE U  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11223  
Country Code: 001  
Phone: (718) 382-0303  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: NRLOMBAR  
Date Last Modified: 8/20/2012

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
H99 - Tank Leak Detection - Other  
B00 - Tank External Protection - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Submersible

Tank Info:

Site ID: 12488  
  
Tank Number: 001  
Tank ID: 28102  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000  
Tightness Test Method: 21  
Next Test Date: 06/09/2008  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: 06/09/2003  
Register: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2325 FOSTER AVE (Continued)**

**U003128125**

Modified By: TRANSLAT  
Last Modified: 03/04/2004

**HIST UST:**

PBS Number: 2-283134  
SPDES Number: Not reported  
Emergency Contact: MR. ASTON BAKER  
Emergency Telephone: (718) 469-6761  
Operator: BRONSTORPH CORP  
Operator Telephone: (718) 338-3742  
Owner Name: OXENBERG ENTERPRISES INC  
Owner Address: 2325 FOSTER AVENUE  
Owner City,St,Zip: BROOKLYN, NY 11210  
Owner Telephone: (718) 469-6761  
Owner Type: Private Resident  
Owner Subtype: Not reported  
Mailing Name: OXENBERG ENTERPRISES INC  
Mailing Address: 2325 FOSTER AVENUE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Contact: Not reported  
Mailing Telephone: (718) 469-6761  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Facility Addr2: 2325 FOSTER AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 01/12/2000  
Expiration Date: 10/29/2002  
Renew Flag: False  
Renewal Date: Not reported  
Total Capacity: 3000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2  
  
Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (gals): 3000  
Product Stored: NOS 1,2, OR 4 FUEL OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2325 FOSTER AVE (Continued)

U003128125

Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Vault (w/access)  
Leak Detection: Other  
Overfill Prot: Product Level Gauge  
Dispenser: Submersible  
Date Tested: 12/01/1997  
Next Test Date: 12/01/2002  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Horner EZ Check  
Deleted: False  
Updated: True  
Lat/long: Not reported

X82  
NE  
1/8-1/4  
0.217 mi.  
1146 ft.

JEAN BELIZAIRE SCHOOL  
1886 NOSTRAND AVENUE  
BROOKLYN, NY 11226

AST A100300756  
N/A

Site 1 of 4 in cluster X

Relative:  
Higher

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Unregulated  
Facility Id: 2-281603  
Program Type: PBS  
UTM X: 588960.09577000001  
UTM Y: 4499248.5992400004  
Expiration Date: N/A

Actual:  
24 ft.

Affiliation Records:  
Site Id: 12354  
Affiliation Type: Owner  
Company Name: ST. JEROME ROMAN CATHOLIC CHURCH  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2900 NEWKIRK AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12354  
Affiliation Type: Mail Contact  
Company Name: ST. JEROME ROMAN CATHOLIC CHURCH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JEAN BELIZAIRE SCHOOL (Continued)**

**A100300756**

Contact Type: Not reported  
Contact Name: REV. SANSARICO  
Address1: 2900 NEWKIRK AVENUE  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 462-0223  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12354  
Affiliation Type: On-Site Operator  
Company Name: JEAN BELIZAIRE SCHOOL  
Contact Type: Not reported  
Contact Name: JEAN CLEAUDE BELIZAIRE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 940-4177  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 12354  
Affiliation Type: Emergency Contact  
Company Name: ST. JEROME ROMAN CATHOLIC CHURCH  
Contact Type: Not reported  
Contact Name: JOHN KNIEF  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 545-9155  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C01 - Pipe Location - Aboveground  
F01 - Pipe External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JEAN BELIZAIRE SCHOOL (Continued)**

**A100300756**

J02 - Dispenser - Suction  
G03 - Tank Secondary Containment - Vault (w/o access)  
I05 - Overfill - Vent Whistle

Tank Info:

Tank Number: 001  
Tank Id: 14720  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - In Place  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 03/01/2004  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

83  
SSW  
1/8-1/4  
0.218 mi.  
1152 ft.

657 EAST 26TH STREET  
675 EAST 26TH STREET  
BROOKLYN, NY 11210

AST U003386432  
HIST AST N/A

Relative:  
Higher

AST:  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-241393  
Program Type: PBS  
UTM X: 588650.80472000001  
UTM Y: 4498623.39573999996  
Expiration Date: 2017/10/02

Actual:  
24 ft.

Affiliation Records:  
Site Id: 9193  
Affiliation Type: Owner  
Company Name: 657 OWNERS CORP  
Contact Type: MANAGING AGENT  
Contact Name: CARL FRAIRMAN  
Address1: 247 SEELEY STREET  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 965-1500  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/21/2007

Site Id: 9193

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**657 EAST 26TH STREET (Continued)**

**U003386432**

Affiliation Type: Mail Contact  
Company Name: 657 OWNERS CORP  
Contact Type: Not reported  
Contact Name: CARL FRAIMAN  
Address1: 247 SEELEY ST  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (718) 965-1500  
Phone Ext: Not reported  
Email: MEHMETK@DSJMANAGEMENT.COM  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 8/21/2007

Site Id: 9193  
Affiliation Type: On-Site Operator  
Company Name: 657 EAST 26TH STREET  
Contact Type: Not reported  
Contact Name: LUIS MERCADO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 965-1500  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KAKYER  
Date Last Modified: 11/7/2012

Site Id: 9193  
Affiliation Type: Emergency Contact  
Company Name: 657 OWNERS CORP  
Contact Type: Not reported  
Contact Name: CARL FRAIMAN  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 965-1405  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

657 EAST 26TH STREET (Continued)

U003386432

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
G00 - Tank Secondary Containment - None  
B00 - Tank External Protection - None  
E09 - Piping Secondary Containment - Modified Double-Walled  
(Aboveground)  
K00 - Spill Prevention - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 9932  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1970  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KAKYER  
Last Modified: 11/07/2012

HIST AST:

PBS Number: 2-241393  
SWIS Code: 6101  
Operator: JOSEPH DOUGLAS  
Facility Phone: (718) 965-1500  
Facility Addr2: 675 EAST 26TH STREET  
Facility Type: APARTMENT BUILDING  
Emergency: CARL FRAIMAN  
Emergency Tel: (718) 965-1405  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: 657 OWNERS CORP  
Owner Address: 247 SEELEY STREET  
Owner City,St,Zip: BROOKLYN, NY 11218  
Federal ID: Not reported  
Owner Tel: (718) 965-1500  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: CARL FRAIMAN  
Mailing Name: 657 OWNERS CORP  
Mailing Address: 247 SEELEY ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11218  
Mailing Telephone: (718) 965-1500  
Owner Mark: First Owner

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**657 EAST 26TH STREET (Continued)**

**U003386432**

Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False  
 Certification Date: 10/07/1997  
 Expiration: 10/02/2002  
 Renew Flag: False  
 Renew Date: Not reported  
 Total Capacity: 5000  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: Minor Data Missing  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City Code: 01  
 Region: 2

Tank ID: 001  
 Tank Location: ABOVEGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (Gal): 5000  
 Product Stored: NOS 1,2, OR 4 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Tank Containment: None  
 Leak Detection: 0  
 Overfill Protection: 4  
 Dispenser Method: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 SPDES Number: Not reported  
 Lat/Long: Not reported

Y84  
 SSE  
 1/8-1/4  
 0.220 mi.  
 1159 ft.

**STELLAR/YOUNG'S/GLENWOOD/KANG'S CLEANERS**  
**2814 GLENWOOD RD.**  
**BROOKLYN, NY 11210**  
**Site 1 of 2 in cluster Y**

**DRYCLEANERS S110248002**  
**N/A**

**Relative:  
 Higher**

DRYCLEANERS:  
 Facility ID: 2-6104-00860  
 Phone Number: Not reported  
 Region: 2  
 Registration Effective Date: 8/7/2002 10:40:39:29

**Actual:  
 24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STELLAR/YOUNG'S/GLENWOOD/KANG'S CLEANERS (Continued)**

**S110248002**

Inspection Date: 06MAY24  
Install Date: Not reported  
Drop Shop: Not reported  
Shutdown: Not reported  
Alternate Solvent: Not reported  
Current Business: PERC DRY CLEANER

**Y85**  
**SSE**  
**1/8-1/4**  
**0.220 mi.**  
**1159 ft.**

**SOS FRENCH CLEANERS**  
**2814 GLENWOOD RD**  
**BROOKLYN, NY 11210**

**RCRA-CESQG** **1000203826**  
**FINDS** **NYD981137102**  
**MANIFEST**  
**US AIRS**

**Site 2 of 2 in cluster Y**

**Relative:**  
**Higher**

RCRA-CESQG:

Date form received by agency: 01/01/2007  
Facility name: YOUNGS FRENCH CLEANERS

**Actual:**  
**24 ft.**

Facility address: 2814 GLENWOOD RD  
BROOKLYN, NY 11210

EPA ID: NYD981137102

Mailing address: GLENWOOD RD

BROOKLYN, NY 11210

Contact: HYONSOOK SARIANO

Contact address: GLENWOOD RD

BROOKLYN, NY 11210

Contact country: US

Contact telephone: (718) 434-0479

Contact email: Not reported

EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: HYONSOOK SARIANO  
Owner/operator address: 2814 GLENWOOD RD  
BROOKLYN, NY 11210

Owner/operator country: US

Owner/operator telephone: (718) 434-0479

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 01/01/2001

Owner/Op end date: Not reported

Owner/operator name: HYONSOOK SARIANO  
Owner/operator address: 2814 GLENWOOD RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

BROOKLYN, NY 11210  
Owner/operator country: US  
Owner/operator telephone: (718) 434-0479  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/2001  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: YOUNGS FRENCH CLEANERS  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/22/2000  
Facility name: YOUNGS FRENCH CLEANERS  
Classification: Small Quantity Generator

Date form received by agency: 07/14/1999  
Facility name: YOUNGS FRENCH CLEANERS  
Classification: Small Quantity Generator

Date form received by agency: 09/24/1985  
Facility name: YOUNGS FRENCH CLEANERS  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004399972

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**NY MANIFEST:**

EPA ID: NYD981137102  
Country: USA  
Mailing Name: YOUNGS CLEANERS  
Mailing Contact: YOUNGS CLEANERS  
Mailing Address: 2814 GLENWOOD ROAD  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11210  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 718-434-0479

Document ID: NYC7562531  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 02/25/2005  
Trans1 Recv Date: 02/25/2005  
Trans2 Recv Date: 03/04/2005  
TSD Site Recv Date: 03/09/2005  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: NYCAT8305  
Trans2 EPA ID: 856TZL  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00390  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: Not reported

Document ID: NYC1570048  
Manifest Status: Completed copy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920410  
Trans1 Recv Date: 920410  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920410  
Part A Recv Date: 920416  
Part B Recv Date: 920420  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD000564905  
Trans2 State ID: MIK814252374  
Generator Ship Date: 2008-05-15  
Trans1 Recv Date: 2008-05-15  
Trans2 Recv Date: 2008-05-20  
TSD Site Recv Date: 2008-05-21  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX107000000  
Waste Code: Not reported  
Quantity: 260.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2008  
Manifest Tracking Num: 003371352JJK  
Import Ind: N  
Export Ind: Y  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Document ID: NYC1537683  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920317  
Trans1 Recv Date: 920317  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920317  
Part A Recv Date: 920324  
Part B Recv Date: 920325  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00140  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1678959  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920611  
Trans1 Recv Date: 920611  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920611  
Part A Recv Date: Not reported  
Part B Recv Date: 920622  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1634477  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920512  
Trans1 Recv Date: 920512  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920512  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Part B Recv Date: 920526  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC2052584  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921216  
Trans1 Recv Date: 921216  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921216  
Part A Recv Date: 921224  
Part B Recv Date: 921224  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD000564905  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-06-21  
Trans1 Recv Date: 2007-06-21  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-06-22  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX107000000  
Waste Code: Not reported  
Quantity: 200.0  
Units: P - Pounds  
Number of Containers: 4.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 001305967JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD000564905  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-06-28  
Trans1 Recv Date: 2007-06-28  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-06-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX107000000  
Waste Code: Not reported  
Quantity: 260.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 001305971JJK  
Import Ind: N  
Export Ind: Y  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NJD000564905

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Trans2 State ID: Not reported  
Generator Ship Date: 2007-06-28  
Trans1 Recv Date: 2007-06-28  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-06-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX107000000  
Waste Code: Not reported  
Quantity: 30.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 001305971JJK  
Import Ind: N  
Export Ind: Y  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2007-03-15  
Trans1 Recv Date: 2007-03-15  
Trans2 Recv Date: 2007-03-20  
TSD Site Recv Date: 2007-03-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 585.0  
Units: P - Pounds  
Number of Containers: 3.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 000021229SKS  
Import Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2007-06-29  
Trans1 Recv Date: 2007-06-29  
Trans2 Recv Date: 2007-07-13  
TSD Site Recv Date: 2007-07-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD980587364  
Waste Code: Not reported  
Quantity: 195.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 000049725SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H020

Document ID: 06  
Manifest Status: NYC7759440  
Trans1 State ID: NYD981137102  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: MOD095078998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Part B Recv Date: 2006-05-05  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 1  
Number of Containers: DF  
Container Type: 133  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: 06  
Manifest Status: NYC7759440  
Trans1 State ID: NYD981137102  
Trans2 State ID: Not reported  
Generator Ship Date: OHD980587364  
Trans1 Recv Date: Not reported  
Trans2 Recv Date: TXR000050930  
TSD Site Recv Date: Not reported  
Part A Recv Date: MOD095078998  
Part B Recv Date: 2006-05-05  
Generator EPA ID: N  
Trans1 EPA ID: N  
Trans2 EPA ID: N  
TSD ID: N  
Waste Code: N  
Quantity: Not reported  
Units: 2  
Number of Containers: DF  
Container Type: 390  
Handling Method: P  
Specific Gravity: 1  
Waste Code: B  
Quantity: Not reported  
Units: Not reported  
Number of Containers: Not reported  
Container Type: Not reported  
Handling Method: Not reported  
Specific Gravity: Not reported  
Year: Not reported

Document ID: NYA8945245  
Manifest Status: Completed copy  
Trans1 State ID: NYAM6252  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Generator Ship Date: 880609  
Trans1 Recv Date: 880609  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 880609  
Part A Recv Date: 880621  
Part B Recv Date: 880613  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 88

Document ID: NYA9218542  
Manifest Status: Completed copy  
Trans1 State ID: NYAM6252  
Trans2 State ID: Not reported  
Generator Ship Date: 890103  
Trans1 Recv Date: 890103  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890103  
Part A Recv Date: 890127  
Part B Recv Date: 890111  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00140  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: NYC1982035  
Manifest Status: Completed copy  
Trans1 State ID: HW8207NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921002  
Trans1 Recv Date: 921002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921002  
Part A Recv Date: Not reported  
Part B Recv Date: 921020  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1950489  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 921118  
Trans1 Recv Date: 921118  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921118  
Part A Recv Date: 921203  
Part B Recv Date: 921201  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1814782  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920824  
Trans1 Recv Date: 920824  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920824  
Part A Recv Date: 920915  
Part B Recv Date: 920901  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Document ID: NYC1734693  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920714  
Trans1 Recv Date: 920714  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920714  
Part A Recv Date: Not reported  
Part B Recv Date: 920722  
Generator EPA ID: NYD981137102  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00070  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

[Click this hyperlink](#) while viewing on your computer to access  
107 additional NY\_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110004399972  
Plant name: SOS FRENCH CLEANERS  
Plant address: 2814 GLENWOOD RD  
BROOKLYN, NY 112102422  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported  
  
Air program: Not reported  
National action type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0901  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0903  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0904  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1001  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1002  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1003  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1104

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0901
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0902
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0902
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0903
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0904
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOS FRENCH CLEANERS (Continued)**

**1000203826**

Compliance & Violation Data by Minor Sources:

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: UNCLASSIFIED  
Repeat violator date: Not reported  
Turnover compliance: Not reported

**X86  
NE  
1/8-1/4  
0.220 mi.  
1164 ft.**

**RHEE STEVENS CLEANERS  
1885 NOSTRAND AVENUE  
BROOKLYN, NY 11226**

**Site 2 of 4 in cluster X**

**RCRA-NonGen 1000198709  
FINDS NYD084078674  
MANIFEST  
DRYCLEANERS  
US AIRS**

**Relative:  
Higher**

RCRA-NonGen:

Date form received by agency: 01/01/2007  
Facility name: RHEE STEVENS  
Facility address: 1855 NOSTRAND AVE  
BROOKLYN, NY 11226  
EPA ID: NYD084078674  
Mailing address: NOSTRAND AVE  
BROOKLYN, NY 11226  
Contact: Not reported  
Contact address: NOSTRAND AVE  
BROOKLYN, NY 11226  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:  
24 ft.**

Owner/Operator Summary:

Owner/operator name: RHEE STEVENS  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: RHEE STEVENS  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: RHEE STEVENS  
Classification: Not a generator, verified

Date form received by agency: 04/05/1995  
Facility name: RHEE STEVENS  
Classification: Not a generator, verified

Date form received by agency: 12/12/1986  
Facility name: RHEE STEVENS  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110019548293

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**NY MANIFEST:**

EPA ID: NYD084078674  
Country: USA  
Mailing Name: RHEE STEVENS  
Mailing Contact: RHEE STEVENS  
Mailing Address: 1885 NOSTRAND AVENUE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11226  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 918-856-3450

Document ID: NYC1442722  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920113  
Trans1 Recv Date: 920113  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920113  
Part A Recv Date: 920124  
Part B Recv Date: 920122  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1343439

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 911115  
Trans1 Recv Date: 911115  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911115  
Part A Recv Date: Not reported  
Part B Recv Date: 911121  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 91

Document ID: NYC1624555  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920504  
Trans1 Recv Date: 920504  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920504  
Part A Recv Date: Not reported  
Part B Recv Date: 920529  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1528108  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920309  
Trans1 Recv Date: 920309  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920309  
Part A Recv Date: 920327  
Part B Recv Date: 920317

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1476011  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920211  
Trans1 Recv Date: 920211  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920211  
Part A Recv Date: 920226  
Part B Recv Date: 920221  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1550395  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920403  
Trans1 Recv Date: 920403  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920403  
Part A Recv Date: 920413  
Part B Recv Date: 920413  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC4166188  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NYJE4550  
Trans2 State ID: Not reported  
Generator Ship Date: 960628  
Trans1 Recv Date: 960628  
Trans2 Recv Date: 960703  
TSD Site Recv Date: 960705  
Part A Recv Date: 960715  
Part B Recv Date: 960724  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC1672503  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920605  
Trans1 Recv Date: 920605  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920605  
Part A Recv Date: Not reported  
Part B Recv Date: 920617  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1617568  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Generator Ship Date: 921116  
Trans1 Recv Date: 921116  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921116  
Part A Recv Date: 921201  
Part B Recv Date: 921202  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC4085111  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960509  
Trans1 Recv Date: 960509  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960515  
Part A Recv Date: 960520  
Part B Recv Date: 960618  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4310346  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 961022  
Trans1 Recv Date: 961022  
Trans2 Recv Date: 961029  
TSD Site Recv Date: 961031  
Part A Recv Date: 961031  
Part B Recv Date: 961126  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

TSDF ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4955400  
Manifest Status: Not reported  
Trans1 State ID: ILD984908202  
Trans2 State ID: Not reported  
Generator Ship Date: 01/15/1998  
Trans1 Recv Date: 01/15/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 01/22/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: OHD980587364  
Trans2 EPA ID: Not reported  
TSDF ID: NYGF2859  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYA9249333  
Manifest Status: Completed copy  
Trans1 State ID: NYAY9381  
Trans2 State ID: Not reported  
Generator Ship Date: 890117  
Trans1 Recv Date: 890117  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890117  
Part A Recv Date: 890126  
Part B Recv Date: 890126  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDF ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Document ID: NYC1714419  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920706  
Trans1 Recv Date: 920706  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920706  
Part A Recv Date: 920724  
Part B Recv Date: 920714  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00135  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC1779298  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 920729  
Trans1 Recv Date: 920729  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920729  
Part A Recv Date: 920813  
Part B Recv Date: 920807  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSD ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 92

Document ID: NYC4401630  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: GF2859NY  
Trans2 State ID: MO001  
Generator Ship Date: 961216  
Trans1 Recv Date: 961216  
Trans2 Recv Date: 961226  
TSD Site Recv Date: 961227  
Part A Recv Date: 970108

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Part B Recv Date: 970113  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: MOD095038998  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC4236243  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: AR004  
Generator Ship Date: 960826  
Trans1 Recv Date: 960826  
Trans2 Recv Date: 960830  
TSD Site Recv Date: 960831  
Part A Recv Date: 960909  
Part B Recv Date: 960918  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC3966096  
Manifest Status: Completed copy  
Trans1 State ID: JE4550NY  
Trans2 State ID: Not reported  
Generator Ship Date: 960118  
Trans1 Recv Date: 960118  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960125  
Part A Recv Date: 960130  
Part B Recv Date: 960208  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSD ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC3931705  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: JE4550NY  
Trans2 State ID: AR004  
Generator Ship Date: 960313  
Trans1 Recv Date: 960313  
Trans2 Recv Date: 960319  
TSD Site Recv Date: 960320  
Part A Recv Date: 960322  
Part B Recv Date: 960410  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: ARD981908551  
TSDf ID: OHD980587364  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYC2080269  
Manifest Status: Completed copy  
Trans1 State ID: AM6252NY  
Trans2 State ID: Not reported  
Generator Ship Date: 930326  
Trans1 Recv Date: 930326  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930326  
Part A Recv Date: 930405  
Part B Recv Date: 930405  
Generator EPA ID: NYD084078674  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDf ID: NYD980785760  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00195  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 93

[Click this hyperlink](#) while viewing on your computer to access 53 additional NY\_MANIFEST: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

**DRYCLEANERS:**

Facility ID: 2-6104-00966  
Phone Number: Not reported  
Region: 2  
Registration Effective Date: 3/13/2003  
Inspection Date: 07APR18  
Install Date: Not reported  
Drop Shop: Not reported  
Shutdown: Not reported  
Alternate Solvent: Y  
Current Business: HYDROCARBON SOLVENT

**AIRS (AFS):**

**Airs Minor Details:**

EPA plant ID: 110019548293  
Plant name: RHEE STEVENS CLEANERS  
Plant address: 1885 NOSTRAND AVENUE  
BROOKLYN, NY 11226  
County: KINGS  
Region code: 02  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 043  
Sic code: 7216  
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG  
North Am. industrial classf: 812320  
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)  
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

**Compliance and Enforcement Major Issues:**

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: Not reported  
Date achieved: 00000  
Penalty amount: Not reported

Air program: Not reported  
National action type: Not reported  
Date achieved: Not reported  
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Hist compliance date: 0902  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0902  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 0904  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1001  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1002  
Air prog code hist file: M

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1004  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1101  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1102  
Air prog code hist file: 0

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1103  
Air prog code hist file: M

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	M
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	0901
Air prog code hist file:	M
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	0903
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0901
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0903
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	0904
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1001
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	M
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHEE STEVENS CLEANERS (Continued)**

**1000198709**

Hist compliance date: 1104  
Air prog code hist file: 0

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)  
Plant air program pollutant: Not reported  
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR  
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT  
Repeat violator date: Not reported  
Turnover compliance: Not reported

**W87  
SE  
1/8-1/4  
0.221 mi.  
1169 ft.**

**S & G REALTY CO., LLC.  
2069 NOSTRAND AVE  
BROOKLYN, NY 11210  
Site 2 of 2 in cluster W**

**UST U003128117  
HIST UST N/A**

**Relative:  
Higher**

UST:

Facility Id: 2-338133  
Region: STATE  
DEC Region: 2  
Site Status: Active  
Program Type: PBS  
Expiration Date: 2012/10/29  
UTM X: 589007.53472999996  
UTM Y: 4498739.5285400003

**Actual:  
24 ft.**

Affiliation Records:

Site Id: 16238  
Affiliation Type: Owner  
Company Name: S & G REALTY CO., LLC  
Contact Type: MGR  
Contact Name: DOV SANDBERT  
Address1: P.O. BOX 300462  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230-0462  
Country Code: 001  
Phone: (718) 854-5880  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: dxliving  
Date Last Modified: 9/25/2007

Site Id: 16238  
Affiliation Type: Mail Contact  
Company Name: S & G REALTY CO., LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S & G REALTY CO., LLC. (Continued)**

**U003128117**

Contact Type: Not reported  
Contact Name: Not reported  
Address1: P.O. BOX 300462  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11230-0462  
Country Code: 001  
Phone: (718) 854-5880  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 12/15/2004

Site Id: 16238  
Affiliation Type: On-Site Operator  
Company Name: S & G REALTY CO., LLC.  
Contact Type: Not reported  
Contact Name: S & G REALTY CO  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 854-5880  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 16238  
Affiliation Type: Emergency Contact  
Company Name: S & G REALTY CO., LLC  
Contact Type: Not reported  
Contact Name: S & G REALTY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 854-5880  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D02 - Pipe Type - Galvanized Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S & G REALTY CO., LLC. (Continued)**

**U003128117**

J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
H99 - Tank Leak Detection - Other  
B00 - Tank External Protection - None  
G99 - Tank Secondary Containment - Other  
K00 - Spill Prevention - None  
E00 - Piping Secondary Containment - None

Tank Info:

Site ID: 16238

Tank Number: 001  
Tank ID: 27744  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1940  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Tank Location: 5  
Tank Type: Steel/carbon steel  
Date Test: Not reported  
Register: True  
Modified By: dxliving  
Last Modified: 09/25/2007

HIST UST:

PBS Number: 2-338133  
SPDES Number: Not reported  
Emergency Contact: S & G REALTY  
Emergency Telephone: (718) 854-5880  
Operator: S & G REALTY CO  
Operator Telephone: (718) 854-5880  
Owner Name: S & G REALTY CO., LLC  
Owner Address: P.O. BOX 300462  
Owner City,St,Zip: BKLYN, NY 11230-0462  
Owner Telephone: (718) 854-5880  
Owner Type: Private Resident  
Owner Subtype: Not reported  
Mailing Name: S & G REALTY CO., LLC  
Mailing Address: P.O. BOX 300462  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BKLYN, NY 11230-0462  
Mailing Contact: Not reported  
Mailing Telephone: (718) 854-5880  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 2069 NOSTRAND AVE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**S & G REALTY CO., LLC. (Continued)**

**U003128117**

Inspection Result: Not reported  
 Federal ID: Not reported  
 Certification Flag: False  
 Certification Date: 02/19/1999  
 Expiration Date: 10/29/2002  
 Renew Flag: False  
 Renewal Date: Not reported  
 Total Capacity: 5000  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2  
  
 Tank Id: 001  
 Tank Location: UNDERGROUND  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 5000  
 Product Stored: NOS 5 OR 6 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: GALVANIZED STEEL  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Second Containment: Other  
 Leak Detection: Other  
 Overfill Prot: Product Level Gauge  
 Dispenser: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 Lat/long: Not reported

**Z88  
 NW  
 1/8-1/4  
 0.227 mi.  
 1196 ft.**

**2619 BEDFORD AVENUE  
 2619 BEDFORD AVENUE  
 BROOKLYN, NY 11226  
 Site 1 of 7 in cluster Z**

**AST A100291962  
 N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-068969  
 Program Type: PBS  
 UTM X: 588468.2736899994

**Actual:  
 31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2619 BEDFORD AVENUE (Continued)**

**A100291962**

UTM Y: 4499200.7226099996  
Expiration Date: 2017/03/25

Affiliation Records:

Site Id: 1435  
Affiliation Type: Mail Contact  
Company Name: BEDFORD GARDENS LLC  
Contact Type: PRESIDENT  
Contact Name: PENNY FRIED  
Address1: P.O. BOX 180224  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (917) 771-0270  
Phone Ext: Not reported  
Email: MYSTICAL3155@AOL.COM  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/11/2006

Site Id: 1435  
Affiliation Type: On-Site Operator  
Company Name: 2619 BEDFORD AVENUE  
Contact Type: Not reported  
Contact Name: WOJCIECH HORWATH  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (917) 514-1951  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: msbaptis  
Date Last Modified: 1/19/2007

Site Id: 1435  
Affiliation Type: Emergency Contact  
Company Name: BEDFORD GARDENS LLC  
Contact Type: Not reported  
Contact Name: DAVID FRIED  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (917) 771-0270  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/11/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2619 BEDFORD AVENUE (Continued)**

**A100291962**

Site Id: 1435  
Affiliation Type: Owner  
Company Name: BEDFORD GARDENS LLC  
Contact Type: PRESIDENT  
Contact Name: PENNY FRIED  
Address1: P.O. BOX 180224  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11218  
Country Code: 001  
Phone: (917) 771-0270  
Phone Ext: Not reported  
Email: MYSTICAL3155@AOL.COM  
Fax Number: Not reported  
Modified By: KXTANG  
Date Last Modified: 10/11/2006

Equipment Records:

C01 - Pipe Location - Aboveground  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
K00 - Spill Prevention - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
G02 - Tank Secondary Containment - Vault (w/access)  
J02 - Dispenser - Suction  
I05 - Overfill - Vent Whistle  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
L00 - Piping Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 2504  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 12/28/2005  
Capacity Gallons: 1500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: KXTANG  
Last Modified: 10/11/2006

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**Z89**  
**NW**  
**1/8-1/4**  
**0.227 mi.**  
**1196 ft.**

**2619 BEDFORD AVENUE**  
**2619 BEDFORD AVENUE**  
**BROOKLYN, NY 11226**  
**Site 2 of 7 in cluster Z**

**HIST UST**    **U000394259**  
                   **N/A**

**Relative:**  
**Higher**

HIST UST:

**Actual:**  
**31 ft.**

PBS Number: 2-068969  
 SPDES Number: Not reported  
 Emergency Contact: RUDOLPH BROADBELT  
 Emergency Telephone: (718) 857-6502  
 Operator: RUDOLPH BROADBELT  
 Operator Telephone: (718) 857-6502  
 Owner Name: RUDOLPH BROADBELT  
 Owner Address: 506 FRANKLIN AVENUE  
 Owner City,St,Zip: BROOKLYN, NY 11238  
 Owner Telephone: (718) 857-6502  
 Owner Type: Not reported  
 Owner Subtype: Not reported  
 Mailing Name: RUDOLPH BROADBELT  
 Mailing Address: 506 FRANKLIN AVENUE  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: BROOKLYN, NY 11238  
 Mailing Contact: Not reported  
 Mailing Telephone: (718) 857-6502  
 Owner Mark: First Owner  
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
 Facility Addr2: 2619 BEDFORD AVENUE  
 SWIS ID: 6101  
 Old PBS Number: Not reported  
 Facility Type: APARTMENT BUILDING  
 Inspected Date: Not reported  
 Inspector: Not reported  
 Inspection Result: Not reported  
 Federal ID: Not reported  
 Certification Flag: False  
 Certification Date: 03/27/1997  
 Expiration Date: 03/10/2002  
 Renew Flag: False  
 Renewal Date: 20011113  
 Total Capacity: 1500  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: Minor Data Missing  
 Tank Screen: Minor Data Missing  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2  
 Tank Id: 001  
 Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 1500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2619 BEDFORD AVENUE (Continued)**

**U000394259**

Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Gravity  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
Lat/long: Not reported

**Z90  
NW  
1/8-1/4  
0.231 mi.  
1219 ft.**

**2416 NEWKIRK AVENUE TENANT ASSOCIATION  
2416 NEWKIRK AVENUE APT. 2B  
BROOKLYN, NY 11226  
Site 3 of 7 in cluster Z**

**HIST UST U003200521  
N/A**

**Relative:  
Higher**

HIST UST:  
PBS Number: 2-315389  
SPDES Number: Not reported  
Emergency Contact: MARIO SUAZO (SUPER)  
Emergency Telephone: (718) 287-2889  
Operator: MARIO SUAZO  
Operator Telephone: (718) 287-2889  
Owner Name: 2416 NEWKIRK AVENUE TENENANT ASSOCIATION  
Owner Address: 2416 NEWKIRK AVENUE, APT. 2B  
Owner City,St,Zip: BROOKLYN, NY 11226  
Owner Telephone: (000) 000-0000  
Owner Type: Local Government  
Owner Subtype: Not reported  
Mailing Name: 2416 NEWKIRK AVENUE APT. 2B  
Mailing Address: 2416 NEWKIRK AVENUE, APT. 2B  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226  
Mailing Contact: 2416 NEWKIRK AVE.T. ASSO.  
Mailing Telephone: (718) 287-8928  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Facility Addr2: 2416 NEWKIRK AVENUE APT. 2B  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: APARTMENT BUILDING  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported

**Actual:  
31 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2416 NEWKIRK AVENUE TENANT ASSOCIATION (Continued)**

**U003200521**

Certification Flag: False  
 Certification Date: 08/26/1997  
 Expiration Date: 07/10/2002  
 Renew Flag: False  
 Renewal Date: Not reported  
 Total Capacity: 5000  
 FAMT: True  
 Facility Screen: No Missing Data  
 Owner Screen: No Missing Data  
 Tank Screen: No Missing Data  
 Dead Letter: False  
 CBS Number: Not reported  
 Town or City: NEW YORK CITY  
 County Code: 61  
 Town or City: 01  
 Region: 2  
  
 Tank Id: 001  
 Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
 Tank Status: In Service  
 Install Date: Not reported  
 Capacity (gals): 5000  
 Product Stored: NOS 5 OR 6 FUEL OIL  
 Tank Type: Steel/carbon steel  
 Tank Internal: None  
 Tank External: None  
 Pipe Location: Aboveground  
 Pipe Type: STEEL/IRON  
 Pipe Internal: None  
 Pipe External: None  
 Second Containment: None  
 Leak Detection: Concrete Pad w/channels  
 Overfill Prot: Automatic Shut-Off, Catch Basin  
 Dispenser: Submersible  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: No Missing Data  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: True  
 Lat/long: Not reported

**Z91  
 NW  
 1/8-1/4  
 0.231 mi.  
 1219 ft.**

**2416 NEWKIRK AVENUE HDFC  
 2416 NEWKIRK AVENUE  
 BROOKLYN, NY 11226  
 Site 4 of 7 in cluster Z**

**AST A100291893  
 N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-315389  
 Program Type: PBS  
 UTM X: 588483.6848000005  
 UTM Y: 4499251.7179199997  
 Expiration Date: 2009/02/18

**Actual:  
 31 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2416 NEWKIRK AVENUE HDFC (Continued)**

**A100291893**

Affiliation Records:

Site Id: 14414  
Affiliation Type: Owner  
Company Name: SERGE R. MOMPREMIER  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2416 NEWKIRK AVE., APT 4D  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 856-3494  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 14414  
Affiliation Type: Mail Contact  
Company Name: 2416 NEWKIRK AVE. HDFC  
Contact Type: Not reported  
Contact Name: Not reported  
Address1: 2416 NEWKIRK AVENUE  
Address2: APT. 1C  
City: BROOKLYN  
State: NY  
Zip Code: 11226  
Country Code: 001  
Phone: (718) 462-7248  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 14414  
Affiliation Type: On-Site Operator  
Company Name: 2416 NEWKIRK AVENUE HDFC  
Contact Type: Not reported  
Contact Name: JOUBERT PIERRE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-7248  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Site Id: 14414  
Affiliation Type: Emergency Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2416 NEWKIRK AVENUE HDFC (Continued)

A100291893

Company Name: SERGE R. MOMPREMIER  
Contact Type: Not reported  
Contact Name: JOSEPH ST. CALLE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 462-7248  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT  
Date Last Modified: 3/4/2004

Equipment Records:

F00 - Pipe External Protection - None  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J01 - Dispenser - Submersible  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)  
B00 - Tank External Protection - None  
C01 - Pipe Location - Aboveground  
I03 - Overfill - Automatic Shut-Off

Tank Info:

Tank Number: 001  
Tank Id: 12862  
Tank Location: 3  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: Not reported  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

X92  
NE  
1/8-1/4  
0.233 mi.  
1228 ft.

NYCDOT BRIDGE BIN 2243140  
NEWKIRK AVE OVER BMT SUBWAY  
BROOKLYN, NY 11218

RCRA-NonGen 1000911983  
FINDS NY0000375204

Site 3 of 4 in cluster X

Relative:  
Higher

RCRA-NonGen:  
Date form received by agency: 01/01/2007  
Facility name: NYCDOT BRIDGE BIN 2243140  
Facility address: NEWKIRK AVE OVER BMT SUBWAY  
BRIGHTON LINE

Actual:  
24 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCDOT BRIDGE BIN 2243140 (Continued)**

**1000911983**

BROOKLYN, NY 11218  
EPA ID: NY0000375204  
Mailing address: RECTOR ST - 4TH FLOOR  
NEW YORK, NY 10006  
Contact: ANTHONY GROSSO  
Contact address: RECTOR ST - 4TH FLOOR  
NEW YORK, NY 10006  
Contact country: US  
Contact telephone: (212) 788-1705  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: NYCDOT BUREAU OF BRIDGES  
Owner/operator address: 2 RECTOR ST - 4TH FLOOR  
NEW YORK, NY 10006  
Owner/operator country: US  
Owner/operator telephone: (212) 788-1705  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NYCDOT BUREAU OF BRIDGES  
Owner/operator address: 2 RECTOR ST - 4TH FLOOR  
NEW YORK, NY 10006  
Owner/operator country: US  
Owner/operator telephone: (212) 788-1705  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

**Historical Generators:**

Date form received by agency: 01/01/2006  
Facility name: NYCDOT BRIDGE BIN 2243140  
Classification: Not a generator, verified

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYCDOT BRIDGE BIN 2243140 (Continued)**

**1000911983**

Date form received by agency: 06/17/1994  
 Facility name: NYCDOT BRIDGE BIN 2243140  
 Classification: Not a generator, verified

Violation Status: No violations found

**FINDS:**

Registry ID: 110007987081

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Z93  
 NW  
 1/8-1/4  
 0.233 mi.  
 1229 ft.**

**2415 NEWKIRK AVE  
 2415 NEWKIRK AVE  
 BROOKLYN, NY 11226  
 Site 5 of 7 in cluster Z**

**AST U003391828  
 HIST AST N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-216259  
 Program Type: PBS  
 UTM X: 588481.98508999997  
 UTM Y: 4499251.52764  
 Expiration Date: 2013/07/15

**Actual:  
 31 ft.**

Affiliation Records:  
 Site Id: 8124  
 Affiliation Type: Mail Contact  
 Company Name: CITADEL ESTATES  
 Contact Type: Not reported  
 Contact Name: Not reported  
 Address1: PO BOX 24688  
 Address2: Not reported  
 City: BROOKLYN  
 State: NY  
 Zip Code: 11202  
 Country Code: 001  
 Phone: (718) 522-5111  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported  
 Modified By: BVCAMPBE  
 Date Last Modified: 8/9/2011

Site Id: 8124  
 Affiliation Type: On-Site Operator  
 Company Name: 2415 NEWKIRK AVE  
 Contact Type: Not reported  
 Contact Name: RANDOLPH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2415 NEWKIRK AVE (Continued)

U003391828

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (718) 522-5111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 8/9/2011

Site Id: 8124  
Affiliation Type: Emergency Contact  
Company Name: CITADEL ESTATES  
Contact Type: Not reported  
Contact Name: ZOHAR SIRI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 522-5111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 8/9/2011

Site Id: 8124  
Affiliation Type: Owner  
Company Name: CITADEL ESTATES  
Contact Type: MANAGER  
Contact Name: SIRI  
Address1: PO BOX 24688  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11202  
Country Code: 001  
Phone: (718) 522-5111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 8/9/2011

Equipment Records:

G00 - Tank Secondary Containment - None  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2415 NEWKIRK AVE (Continued)

U003391828

L09 - Piping Leak Detection - Exempt Suction Piping  
B00 - Tank External Protection - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 22357  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1923  
Capacity Gallons: 5000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: dxliving  
Last Modified: 10/10/2007

HIST AST:

PBS Number: 2-216259  
SWIS Code: 6101  
Operator: GILBERTO RIVERA  
Facility Phone: (718) 469-4834  
Facility Addr2: 2415 NEWKIRK AVE  
Facility Type: APARTMENT BUILDING  
Emergency: GILBERTO RIVERA  
Emergency Tel: (718) 469-4834  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: 2415 REALTY LLC  
Owner Address: 1110 FLATBUSH AVE  
Owner City,St,Zip: BROOKLYN, NY 11226  
Federal ID: Not reported  
Owner Tel: (718) 941-1300  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: 2415 REALTY L.L.C.  
Mailing Address: 1110 FLATBUSH AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226  
Mailing Telephone: (718) 941-1300  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
Certification Flag: False  
Certification Date: 10/03/1997  
Expiration: 10/15/2002  
Renew Flag: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**2415 NEWKIRK AVE (Continued)**

**U003391828**

Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

**X94**  
**NE**  
**1/8-1/4**  
**0.235 mi.**  
**1243 ft.**

**NYCTA - NEWKIRK AVENUE STATION**  
**NEWKIRK AVE & NOSTRAND AVE**  
**BROOKLYN, NY 11206**  
**Site 4 of 4 in cluster X**

**RCRA-NonGen** **1000457857**  
**FINDS** **NYD986931368**  
**MANIFEST**

**Relative:**  
**Higher**

RCRA-NonGen:  
 Date form received by agency: 01/01/2007  
 Facility name: NYCTA - NEWKIRK AVENUE STATION  
 Facility address: NEWKIRK AVE & NOSTRAND AVE  
 BROOKLYN, NY 11206  
 EPA ID: NYD986931368  
 Mailing address: JAY ST ROOM 809  
 BROOKLYN, NY 11201  
 Contact: Not reported  
 Contact address: JAY ST ROOM 809  
 BROOKLYN, NY 11201  
 Contact country: US

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCTA - NEWKIRK AVENUE STATION (Continued)**

**1000457857**

Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NEW YORK CITY TRANSIT AUTHORITY  
Owner/operator address: 370 JAY ST ROOM 809  
BROOKLYN, NY 11201  
Owner/operator country: US  
Owner/operator telephone: (718) 330-4891  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NEW YORK CITY TRANSIT AUTHORITY  
Owner/operator address: 370 JAY ST ROOM 809  
BROOKLYN, NY 11201  
Owner/operator country: US  
Owner/operator telephone: (718) 330-4891  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: NYCTA - NEWKIRK AVENUE STATION  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: NYCTA - NEWKIRK AVENUE STATION  
Classification: Not a generator, verified

Date form received by agency: 11/21/1990  
Facility name: NYCTA - NEWKIRK AVENUE STATION  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NYCTA - NEWKIRK AVENUE STATION (Continued)**

**1000457857**

Violation Status: No violations found

**FINDS:**

Registry ID: 110008045301

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**NY MANIFEST:**

EPA ID: NYD986931368  
Country: USA  
Mailing Name: NYCTA  
Mailing Contact: ASHOK PATEL  
Mailing Address: NEWKIRK AVE STA-NORSTRAND AVE  
Mailing Address 2: Not reported  
Mailing City: HOLBROOK  
Mailing State: NY  
Mailing Zip: 11741  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-567-7600

Document ID: NYB4840236  
Manifest Status: Completed copy  
Trans1 State ID: PTC3931  
Trans2 State ID: Not reported  
Generator Ship Date: 920323  
Trans1 Recv Date: 920323  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920402  
Part A Recv Date: Not reported  
Part B Recv Date: 920414  
Generator EPA ID: NYD986931368  
Trans1 EPA ID: MND980791321  
Trans2 EPA ID: Not reported  
TSD ID: KSD981506025  
Waste Code: B004 - PCB ARTICLES WITH 50 PPM BUT < 500 PPM  
Quantity: 00454  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: CM - Metal boxes, cases, roll-offs  
Handling Method: L Landfill.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00090  
Units: K - Kilograms (2.2 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NYCTA - NEWKIRK AVENUE STATION (Continued)**

**1000457857**

Specific Gravity: 100  
 Year: 92

**Z95  
 NW  
 1/8-1/4  
 0.237 mi.  
 1253 ft.**

**2401 NEWKIRK AVE  
 2401 NEWKIRK AVE  
 BROOKLYN, NY 11226  
 Site 6 of 7 in cluster Z**

**AST U003391831  
 HIST AST N/A**

**Relative:  
 Higher**

AST:  
 Region: STATE  
 DEC Region: 2  
 Site Status: Active  
 Facility Id: 2-216283  
 Program Type: PBS  
 UTM X: 588470.08710999996  
 UTM Y: 4499250.19575  
 Expiration Date: 2013/07/15

**Actual:  
 31 ft.**

Affiliation Records:  
 Site Id: 8127  
 Affiliation Type: Mail Contact  
 Company Name: CITADEL ESTATES  
 Contact Type: Not reported  
 Contact Name: Not reported  
 Address1: PO BOX 24688  
 Address2: Not reported  
 City: BROOKLYN  
 State: NY  
 Zip Code: 11202  
 Country Code: 001  
 Phone: (718) 522-5111  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported  
 Modified By: BVCAMPBE  
 Date Last Modified: 8/9/2011

Site Id: 8127  
 Affiliation Type: On-Site Operator  
 Company Name: 2401 NEWKIRK AVE  
 Contact Type: Not reported  
 Contact Name: ANDREW  
 Address1: Not reported  
 Address2: Not reported  
 City: Not reported  
 State: NN  
 Zip Code: Not reported  
 Country Code: 001  
 Phone: (718) 522-5111  
 Phone Ext: Not reported  
 Email: Not reported  
 Fax Number: Not reported  
 Modified By: BVCAMPBE  
 Date Last Modified: 8/9/2011

Site Id: 8127  
 Affiliation Type: Emergency Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2401 NEWKIRK AVE (Continued)**

**U003391831**

Company Name: CITADEL ESTATES  
Contact Type: Not reported  
Contact Name: ZOHAR SIRI  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 522-5111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 8/9/2011

Site Id: 8127  
Affiliation Type: Owner  
Company Name: CITADEL ESTATES  
Contact Type: MANAGER  
Contact Name: SIRI  
Address1: PO BOX 24688  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11202  
Country Code: 001  
Phone: (718) 522-5111  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: BVCAMPBE  
Date Last Modified: 8/9/2011

Equipment Records:

A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
G00 - Tank Secondary Containment - None  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 22360  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/01/1922  
Capacity Gallons: 5000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2401 NEWKIRK AVE (Continued)**

**U003391831**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: dxliving  
Last Modified: 10/10/2007

**HIST AST:**

PBS Number: 2-216283  
SWIS Code: 6101  
Operator: GILBERT RIVERA  
Facility Phone: (718) 469-4834  
Facility Addr2: 2401 NEWKIRK AVE  
Facility Type: APARTMENT BUILDING  
Emergency: GILBERT RIVERA  
Emergency Tel: (718) 469-4834  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: 2401 REALTY L.L.C.  
Owner Address: 1110 FLATBUSH AVE  
Owner City,St,Zip: BROOKLYN, NY 11226  
Federal ID: Not reported  
Owner Tel: (718) 941-1300  
Owner Type: Corporate/Commercial  
Owner Subtype: Not reported  
Mailing Contact: Not reported  
Mailing Name: 2401 REALTY L.L.C.  
Mailing Address: 1110 FLATBUSH AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11226  
Mailing Telephone: (718) 941-1300  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 10/03/1997  
Expiration: 10/15/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 5000  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: No Missing Data  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2401 NEWKIRK AVE (Continued)**

**U003391831**

Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 5000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Tank Containment: None  
Leak Detection: 0  
Overfill Protection: 4  
Dispenser Method: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: False  
SPDES Number: Not reported  
Lat/Long: Not reported

**96**  
**West**  
**1/8-1/4**  
**0.239 mi.**  
**1263 ft.**

**PRIVATE HOME**  
**551 EAST 23RD STREET**  
**BROOKLYN, NY**

**LTANKS S108298631**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**26 ft.**

LTANKS:  
Site ID: 372029  
Spill No: 0608133  
Spill Date: 10/16/2006  
Spill Cause: Tank Overfill  
Spill Source: Private Dwelling  
Spill Class: Not reported  
Spill Closed Dt: 5/14/2007  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 10/16/2006  
CID: 408  
Water Affected: Not reported  
Spill Notifier: Citizen  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/16/2006  
Spill Record Last Update: 5/14/2007  
Spiller Name: MR.GUY  
Spiller Company: AMERIQUE OIL COMPANY  
Spiller Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIVATE HOME (Continued)**

**S108298631**

Spiller City,St,Zip: NY  
Spiller County: 001  
Spiller Contact: CAUDEL KNIGHT  
Spiller Phone: (646) 427-2141  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 321768  
DEC Memo: 10/17/06-Hiralkumar Patel. received during off hour duty on 10/16/06. visited site on 10/16/06. met Ms. Knight, home owner. she baught this single family house about 18 years ago. site has two 275 gal ASTs and Ms. Knight doesn't know when these tanks were installed as these were installed by previous owner. as per Ms. Knight, last oil delivery was on 10/10/06 and oil spilled during this oil delivery. oil was delivered by Ameresque Inc. as per Ms. Knight, driver was not attending nozzle properly during oil delivery and oil spilled into tank room and at vent pipe outside the building. found oil stains on tanks, in tank room, other side of wall between tank room and boiler room and in boiler room. concrete in boiler room was not in good condition. found 1.5 ft \* 3 ft \* 1 ft hole in boiler room close to tank room wall, which has dirt at bottom. wooden walls in tank room and in boiler room are contaminated. heavy odor inside basement as well as upstairs in building. there were no stains on concrete right under vent pipe but soil close to side walk near vent pipe is heavily contaminated. found three 55 gal drums close to vent pipe outside of building. as per Ms. Knight, oil company left those drums at scene without labels on it. owner is living at their relatives house after oil spill because of odor in building. home owner's insurance company, State Farm, has been notified. Ms. Knight never received oil delivery receipt from oil company. also asked her to send her insurance information.Caudel KnightPh. (646) 427-2141 (C) (212) 623-8140 (O)called Mr. Guy, oil company's owner at (718) 258-6779. his wife denied to give phone to Mr. Guy.met Francis Kelleher (718-859-7086), neighbour who living across this subject site. as per Ms. Kelleher, insurance company came to site on 10/16 for some kind of testing.neither oil company nor insurance company ever reported this spill until home reported it. as per owner, when she spoke with her insurance company agent last week, she was told that insurance company has already informed DEC which they didn't.Mr. GuyAmeresque IncPh. (718) 758-0379 (O) (718) 258-6779 (H) (917) 239-2439 (C)FAX (718) 758-0379spoke with Mr. Guy this morning. asked him to meet at site at 5:00 PM today with oil delivery receipt.left message for Ms. Knight to be present at site.received call from Ms. Knight. her husband Mr. Knight (Cell: 646-707-7079) will meet at site.received email from Mr. Kinght (caudel.knight@jpmorgan.com).

-----  
--Dear Kumar,Mr Gug made an oil delivery to the above address on October, 10th2006. He left the pump unattended to answer a phone, and it causedan overflow. I didn't receive a receipt from him for this delivery, as Inormally do.My Insurance Co is State FarmSteve BernsteinPhone # 718-692-2500Arthur # 631-351-7332Regards,Caudel Knight-----

-----10/17/06-Hiralkumar Patel. visited site again. smelled odor outside of building. met Mr. Defonzo, oil company owner and Mr. Knight, home owner. as per Mr. Defonzo, he was at truck while oil delivery and he stop oil delivery as whistle went off. oil spilled inside basement as tank got ruptured from side, under high pressure.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIVATE HOME (Continued)**

**S108298631**

Mr. Defonzo sent someone to remove excess oil from leaking tank and that person left drums outside of property. as per Mr. Defonzo he saw truck from ABC Tank second day and he believes that ABC tank had removed oil from tank. Mr. Knight didn't bring oil delivery receipt at time of site visit. Mr. Defonzo's oil company doesn't have insurance. Guy Defonzo Ameresque Inc 2506 Gerritsen Avenue Brooklyn, NY 11229 met neighbour with Mr. Knight, on both side of subject site and suggest them to keep their windows close along side of spill site. referred case to Dept. of Law Enforcement as oil company owner failed to report oil spill and failed to contain it. from reversephonedirectory.com, site address for (718) 758-0379 is: Ameresque Inc 1940 Flatbush Ave Brooklyn, NY 11210/18/06-Hiralkumar Patel. spoke at ABC Tank. they haven't done any job at this site and doesn't have knowledge of any oil spill. spoke with Mr. Defonzo and asked to send oil delivery receipt. also asked him to contact environmental company for further cleanup. asked Mr. Defonzo to send contact info for the person who had left drums outside the building as ABC Tank hasn't done this job. received fax from Mr. Defonzo. oil delivery receipt shows delivery of 112.7 gal on 10/02/06. spoke with Ms. Knight. as per Ms. Knight oil was delivered on 10/10 after holiday and oil delivery before this was in March 06. asked Ms. Knight to send copy of receipt for oil delivery in March. received call from Allen DiCrescio (631-462-5866) from Hydrotech to know what work needs to be done. he has been contacted by Mr. Defonzo for proposal for further cleanup. explained Mr. DiCrescio that the Department requires to remove all contaminated material from site. he will send proposal to Mr. Defonzo and will call back. spoke with Mr. Defonzo about oil delivery date. he believes that he put wrong date on receipt. he will send corrected receipt. received corrected oil delivery receipt through fax. spoke with operator at State farm. operator asked to call claim center at (888) 251-6068. claim number for this case at State Farm is 32K123863HO. called claim center and they asked to call Arthur Bopp at 1-888-326-0164. left message for Mr. Bopp. received message from Ms. Knight. she mistaken about oil delivery date but now she found that oil delivery was on Monday 10/02/2006 on the day of Jewish holiday. 10/20/06-Hiralkumar Patel. received message from Mr. Defonzo. he left couple of messages to Ms. Knight as he need access to building with cleanup crew. spoke with Mr. Bopp (Ph.: 631-351-7332, FAX: 631-351-7382) at State Farm. he got call from owner on 10/11/06. he has hired H2M group, environmental consultant for cleanup. Mr. left message for Mike at H2M group. H2M Group Mike Gentils Ph. (631) 756-8000 ext 1412 (516) 903-8729 (C) FAX (631) 694-4122 Windmill oil tank service James McGoldrick Ph. (631) 360-8901 FAX (631) 360-8992 spoke with James at windmill. he has taken some soil samples and in process of submitting proposal for work. he has made site plan. asked James to send all documents to the Department and also to submit final signed proposal for review. spoke with Mr. Defonzo and asked him to talk to Mr. Bopp as State farm is already working on cleanup. CSL sent to Mr. Defonzo requiring soil and groundwater delineation, endpoint samples and vapor barrier installation. letter faxed to Mr. Bopp at State Farm, to Mike at H2M Group and to James at Windmill. letter emailed to Ms. Knight. received call from Kevin Taylor (Ph. 631-756-8000 Ext. 1014) from H2M. they took some samples and through PID found two areas of most contamination. they haven't sent any samples to lab. Mr. Taylor planning to start excavating contaminated areas probably on 10/26/06. they will remove all contaminated wood

**PRIVATE HOME (Continued)**

**S108298631**

also. Mr. Taylor will take endpoint samples at end of work.10/31/06-Hiralkumar Patel. received certified mail receipt from Mr. Defonzo.11/02/06-Hiralkumar Patel. received message from Mr. Taylor. left message for Mr. Taylor. received call from Mr. Taylor. as per him, DEC ECO were at site yesterday.11/08/06-Hiralkumar Patel. DEC Austin gave letter from NYC DEP. neighbour at subject site complained about 8 barrels of contaminated soil and odors from these barrels. left message for Mr. Taylor in regarding this complaint. received message from Mr. Taylor. barrels has been removed from site. spoke with Ms. Knight. as per her, there is still odors inside building. she is not happy with cleanup.spoke with Mr. Lee at windmill. as per him, there is no odors inside basement and he is waiting for lab analyticals. once he gets it, he will fax that result to the Department.11/16/06-Hiralkumar Patel. received call from Ms. Knight. she is not happy with cleanup and still having vapors inside building. asked Ms. Knight to meet at site on 11/17/06 at 9:00 AM. spoke with James at Windmill and he or someone else from his company will meet at site same time.11/17/06-Hiralkumar Patel. visited site. met Ms. Knight, Mr. Lee from Windmill and Mr. Taylor from H2M. walked in basement. no odors inside basement. Ms. Knight mentioned about some contaminated wood at basement door frame. asked Lee to remove that. Lee showed endpoint sample analyticals. endpoint samples are clean. asked Lee to pour concrete in and epoxy paint throughout basement floor. Ms. Knight also mentioned about oil stain on wall where old tanks were located. Lee will remove it with powerwash and lateron put epoxy on wall also. walked upstairs in building. couldn't smell any oil. asked Ms. Knight to call NYC DOH if she smells much oil. area close to vent pipe is clean and has new grass.01/03/07-Hiralkumar Patel. spoke with Lee (off. 631-360-8901, cell: 516-330-8170) at windmill. he is waiting to get access in building for remaining work. he hasn't got call from Ms. Knight yet.left message for Ms. Knight.03/01/07-Hiralkumar Patel. spoke with Lee. he hasn't got permission to do remaining work. spoke with Ms. Knight. she was informed by her insurance company that work has done. so she will hire someone to finish concrete work. left message for Lee to send report on work done by him till date and Ms. Knight wants someone else do concrete work.left message for Mr. Taylor at H2M.04/17/07-Hiralkumar Patel. sent email to Mr. Taylor requiring submission of full detailed report. left message for Lee.05/02/07-Hiralkumar Patel. received spill closure request report from windmill. windmill took endpoint soil samples, which shows no contamination. spoke with Lee at windmill. he removed last piece of wood from door frame that Ms. Knight mentioned as contaminated. he also cleaned inside tank room. but haven't heard from Ms. Knight about pouring concrete back and epoxy paint. left message for Ms. Knight. mentioned her that site has been cleaned up (based on closure report) and only work left is concrete work on floor, which is not done as owner hasn't gave any authorization. asked Ms. Knight to return call by 05/11/07, otherwise spill case will be closed considering complete cleanup of site.discuss with DEC Austin. he mentioned that if owner still complaint about odors in house, contact NYC DOH for site assessment. otherwise close the case.05/14/07-Hiralkumar Patel. left message for Ms. Knight. asked her to call by end of today, otherwise case will be closed considering no vapor complaints from owner and soil cleanup has done (based on report from Windmill). left my cell number so Ms. Knight can reach me anytime.received call from Mr. Knight. he doesn't have

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIVATE HOME (Continued)**

**S108298631**

Remarks: any vapor complaints. suggest Mr. Knight to call NYC DOH if they have any health questions.based on available documents, case closed. NFA sent to Mr. Defonzo. letter faxed to State Farm, H2M and Windmill. letter emailed to Ms. Knight.  
100 OR MORE GALLONS OF OIL; COMPANY FAILED TO REPORT SO SHE IS; THREE BARRELS/ DRUMS PLACED NEXT TO HOME AS WELL SHE IS UNSURE WHAT 'S IN THEM;

Material:

Site ID: 372029  
Operable Unit ID: 1129776  
Operable Unit: 01  
Material ID: 2119446  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

97  
SE  
1/8-1/4  
0.242 mi.  
1276 ft.

**FARRAGUT CLEANERS**  
**2085 NOSTRAND AVE**  
**BROOKLYN, NY 11210**

**DRYCLEANERS S110246578**  
**N/A**

**Relative:**  
**Higher**

DRYCLEANERS:  
Facility ID: DROP SHOP  
Phone Number: Not reported  
Region: 2  
Registration Effective Date: N/A  
Inspection Date: Not reported  
Install Date: Not reported  
Drop Shop: Y  
Shutdown: Not reported  
Alternate Solvent: Not reported  
Current Business: DROP SHOP

**Actual:**  
**25 ft.**

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

<b>98</b> <b>West</b> <b>1/8-1/4</b> <b>0.244 mi.</b> <b>1287 ft.</b>	<b>515 EAST 23RD ST</b> <b>BROOKLYN, NY</b>	<b>LTANKS</b> <b>HIST LTANKS</b>	<b>S104620884</b> <b>N/A</b>
---	--	-------------------------------------	---------------------------------

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**28 ft.**

Site ID: Spill No: Spill Date: Spill Cause: Spill Source: Spill Class:  Spill Closed Dt: Facility Addr2: Cleanup Ceased: Cleanup Meets Standard: SWIS: Investigator: Referred To: Reported to Dept: CID: Water Affected: Spill Notifier: Last Inspection: Recommended Penalty: UST Involvement: Remediation Phase: Date Entered In Computer: Spill Record Last Update: Spiller Name: Spiller Company: Spiller Address: Spiller City,St,Zip: Spiller County: Spiller Contact: Spiller Phone: Spiller Extention: DEC Region: DER Facility ID: DEC Memo:	303345 9913576 2/29/2000 Tank Test Failure Private Dwelling Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. 3/20/2008 Not reported Not reported True 2401 JMKRIMGO Not reported 3/1/2000 211 Not reported Tank Tester Not reported False False 0 3/1/2000 3/20/2008 ALEX SINCLAIR Not reported 515 EAST 23RD ST BROOKLYN, NY 001 ALEX SINCLAIR (718) 434-5123 Not reported 2 245107 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"01/26/04Reassigned from Rommel to Austin02/17/04: Reassigned from AUSTIN to KRIMGOLD.June 2005 - Assigned to Maloney as part of Spill InitiativeJuly 13, 2005 - Called Pro-test and spoke with John Leddy; according to Mr. Leddy, they gave a quote to the homeowner to remove the old tank and to install a new tank but never heard back from the property owner. The number for the property owner is no longer in service. According to Property Shark, the property is now owned by John Peter Maloney. No contact info available for the new owner.7/27/2007 Sangesland spoke to Peter Maloney (718-434-6752) current owner of the house. He received a Tank Test Failure letter from DEC Zhune stating that the case was still open. Current owner purchased the house in August 2000. He says there was a regular 275 gal oil tank in the basement at the time and he immediately switched to natural gas. He knows nothing about an old 1000 gal tank on the site. No reference to an open DEC Spill case appeared when he purchased the house in 2000. Sangesland suggested he call Protest to get any history on the old tank (location?) and/or hire someone to do
---	---

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620884

a magnetic search of the property to look for a buried tank which may have been abandoned.7/30/2007 Mr Maloney called back to say ProTest showed a diagram where the 1,000 gal tank was under the cement driveway. Since the driveway is old it's obvious that the old tank was NOT removed. Mr. Maloney asked PRO TEST about some new cement patches on the driveway and they said these were "probably" the locations of the fill pipe and the dipstick port.Sangesland spoke to John Urda (DEC Legal Dept) - Based on the circumstances of when the Tank Test Failure happened (Feb 2000) and When the house was sold (Aug 2000), Mr. Sinclair (former owner) is still considered the "Spiller". Although he sold the house, he "can not sell off his liability". In addition, since the old 1,000 gal tank was not legally closed out and a new 275 gal tank was installed in the basement prior to the sale in Aug 2000, the site was considered a "Petroleum Bulk Storage Facility" at the time of the sale in Aug 2000.Contact Numbers:Current Owner Peter Maloney Home # 718-434-6752 Office # 212-904-2541Former Owner: Alexander Sinclair New Address: 215 Prospect Ave, Brooklyn, NY 11215-5315 Home # 718-499-7629 Cell # 646-247-4211Oct 3, 2007 - Sangesland has spoken to both Mr Maloney and Mr Sinclair several times over the last few weeks. It appears that Mr Sinclair is getting estimates from several companies to either do soil boring work around the tank & abandon the tank -OR- excavate the tank.Dec. 7, 2007. J.Krimgold spoke to Dave Lorthioir (consultant for the RP). Tank excavation is scheduled for Dec. 17, 2007. He requested DEC to be present during tank removal. Will confirm day and time Friday Dec 14. JK.3/2-/08. J.Krimgold reviewed the letter-report submitted by Erotica on 3/12/08. According to the report cause of the t/test failure was a leaky union on the fill line right above the UST. A small amount of contaminated soil was found during excavation of the top of the tank, and properly removed and disposed. NFA letter.

Remarks: HOMEOWNER WILL REMOVE UST

Material:

Site ID: 303345  
Operable Unit ID: 1092083  
Operable Unit: 01  
Material ID: 295414  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 303345  
Spill Tank Test: 1548089  
Tank Number: 1  
Tank Size: 1000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620884

Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9913576  
Spill Date: 02/29/2000  
Spill Time: 15:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 03/01/00  
Reported to Department Time: 14:04  
SWIS: 61  
Spiller Contact: ALEX SINCLAIR  
Spiller Phone: (718) 434-5123  
Spiller Extention: Not reported  
Spiller Name: Not reported  
Spiller Address: 515 EAST 23RD ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: ALEX SINCLAIR  
Facility Phone: (718) 434-5123  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/01/00  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/01/00  
Is Updated: False

Tank:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620884

PBS Number: Not reported  
Tank Number: 1  
Tank Size: 1000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: HOMEOWNER WILL REMOVE UST

Z99  
NW  
1/8-1/4  
0.246 mi.  
1299 ft.

MR FOSTER  
2604 BEDFORD AVE 2D  
BROOKLYN, NY 11226

RCRA-NonGen 1004759273  
FINDS NYR000004358

Site 7 of 7 in cluster Z

Relative:  
Higher

RCRA-NonGen:

Date form received by agency: 01/01/2007  
Facility name: MR FOSTER  
Facility address: 2604 BEDFORD AVE 2D  
BROOKLYN, NY 11226  
EPA ID: NYR000004358  
Mailing address: STRATFORD RD 5T  
BROOKLYN, NY 11226  
Contact: KEVIN ROOTS  
Contact address: STRATFORD RD 5T  
BROOKLYN, NY 11226  
Contact country: US  
Contact telephone: (718) 832-2300  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:  
31 ft.

Owner/Operator Summary:

Owner/operator name: MR FOSTER  
Owner/operator address: 10 STRATFORD RD 5T  
BROOKLYN, NY 11226

Owner/operator country: US  
Owner/operator telephone: (718) 941-4355  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MR FOSTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MR FOSTER (Continued)**

**1004759273**

Owner/operator address: 10 STRATFORD RD 5T  
BROOKLYN, NY 11226  
Owner/operator country: US  
Owner/operator telephone: (718) 941-4355  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: MR FOSTER  
Classification: Not a generator, verified

Date form received by agency: 05/05/1995  
Facility name: MR FOSTER  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004513312

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

100  
WNW  
1/4-1/2  
0.259 mi.  
1370 ft.

APT BUILDING  
490 E. 23RD STREET  
BROOKLYN, NY

LTANKS S105995795  
N/A

Relative:  
Higher

LTANKS:

Actual:  
29 ft.

Site ID: 122463  
Spill No: 0201272  
Spill Date: 5/3/2002  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 5/24/2006  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: mjscibel  
Referred To: Not reported  
Reported to Dept: 5/3/2002  
CID: 196  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 5/3/2002  
Spill Record Last Update: 7/31/2006  
Spiller Name: Not reported  
Spiller Company: HOWARD KOHN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller County: 999  
Spiller Contact: JIM DONELAN  
Spiller Phone: (631) 321-4670  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 106173  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER"1/5/04-Vought-Spill transferred from Vought to Austin.01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.03/29/06 Recommended next: Contact tank testers, determine if tanks certified.5/24/06 - Mike - Contacted tank testers, said owner had tank removed, didnt see any signs of contamination. Can't find a contact for owner but based on contractor and guidance for spill closure initiative believe there was no relase and this site can be closed.  
Remarks: NO REMARKS.

Material:

Site ID: 122463  
Operable Unit ID: 852291  
Operable Unit: 01  
Material ID: 522689  
Material Code: 0001A  
Material Name: #2 Fuel Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT BUILDING (Continued)**

**S105995795**

Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 122463  
Spill Tank Test: 1527102  
Tank Number: 1  
Tank Size: 2000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

**101  
East  
1/4-1/2  
0.261 mi.  
1378 ft.**

**585 EAST 32ND ST  
585 EAST 32ND ST  
BROOKLYN, NY**

**LTANKS S105998672  
N/A**

**Relative:  
Higher**

**LTANKS:**

Site ID: 266769  
Spill No: 0300404  
Spill Date: 4/11/2003  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 6/2/2006  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: HRPATEL  
Referred To: Not reported  
Reported to Dept: 4/11/2003  
CID: 405  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 4/11/2003  
Spill Record Last Update: 6/2/2006  
Spiller Name: CASCADE REALITY  
Spiller Company: Not reported  
Spiller Address: 585 EAST 32ND ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001

**Actual:  
27 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**585 EAST 32ND ST (Continued)**

**S105998672**

Spiller Contact: CASCADE REALITY  
 Spiller Phone: (718) 251-9099  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 217290  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"4/11/03 - AUSTIN, DDO - TTF LETTER WILBE SENT11/15/05 called Cascade Realty and spoke with Mark. He will look for documentation that tank was retested and passed. J Lister06/02/06-Hiralkumar Patel. Visited site on 06/01/06. met Marc (718-251-9099), person working at management office. he told me that they had problem at vent pipe. will send fax of latest test result. building super is Mario (718-859-5509). tank is behind building and haven't noticed any oil stains at vent or fill location. Received fax from Marc. Protest did test again on 04/25/03. tank passed the test. based on available information, case closed.  
 Remarks: per the caller no remarks needed

Material:  
 Site ID: 266769  
 Operable Unit ID: 868711  
 Operable Unit: 01  
 Material ID: 508484  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 0  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:  
 Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

102  
 SSW  
 1/4-1/2  
 0.278 mi.  
 1468 ft.

**2515 GLENWOOD RD/BKLYN  
 2515 GLENWOOD ROAD  
 NEW YORK CITY, NY**

**LTANKS S100144966  
 HIST LTANKS N/A**

**Relative:  
 Higher**

LTANKS:  
 Site ID: 131508  
 Spill No: 8709132  
 Spill Date: 1/4/1988  
 Spill Cause: Tank Failure

**Actual:  
 24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2515 GLENWOOD RD/BKLYN (Continued)**

**S100144966**

Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 12/8/2006  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: qxabidi  
Referred To: Not reported  
Reported to Dept: 1/20/1988  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Citizen  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1/26/1988  
Spill Record Last Update: 12/8/2006  
Spiller Name: MARIA VALENTE  
Spiller Company: JRD MANAGEMENT CORP  
Spiller Address: 875 MAMARONECK AVE  
Spiller City,St,Zip: MAMARONECK, NY 10543-  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 113302  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN" // : CONTACT: SHIRLEY GUZMAN (212)-824-1005. 11/05/01: MF-R9 T/C JRD, 718-434-4341 & 718-421-9046 LEFT MESSAGE FOR MARIA VELENTE.3/11/03 - SAMUEL- File available in active unassigned spill files.5/14/04 - TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT - END3/3/05 - Austin - Reassigned to Rahman04/05/05-SR// Spoke with Mr. Carlose Orduz of JRD Management, sent a letter.10.06.05 SR// I called Mr. Carlose Orduz(914-899-8000) to follow up with the subsurface investigation around the tank. He informed me they have hired PTC to do the work.He will have them send work plan to DEC by next week.02/01/06 Sharif// Spill case was transferred to Koon Tang for reassignment.3/21/06 - Sharif brought over a fax from the cleanup contractor, Petroleum Tank Cleaner, Inc.The proposal is to dig up the contamination and take end point sample. There is no dat showing soil or GW contamination, just the original spill report and a letter dated Jan. 1988 stating oil seeping through the basement walls. Will wait for the post excavation report to see if site can be closed. - KST10/16/06: This spill is transferred from Mr. Koon Tang to Q.Abidi.Called Mr. Carlose Orduz at (914)824-4842 he said that Petroleum Tank Cleaners Company but due to money they did not send the documents. Carlose will find out about it and he will call me back. -QA10/30/06: Contacted Mr. Carlose Orduz (JRD Management Corporation) He said all payments have been made to the Petroleum Tank Cleaner. He will talk to Mr. Mark Salamack to release the report. -QA11/28/06: Called Mr. Carlose Orduz and left message to call me back regarding information of spill. -QA11/29/06: Talked to Mr. Carlose Orduz he said he has already talked to Mr. Mark

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2515 GLENWOOD RD/BKLYN (Continued)

S100144966

Salamack(Petroleum Tank Cleaners) as soon as he will release the information he will send it to me. -QA12/07/06: Called Mr. Carlus Orduz at (914)899-8000 (Maxx Management) he said he has paid all the money to Petroleum Tank Cleaner. As soon as Carlus Orduz will receive the report he will mail it to DEC. -QA12/08/06: Called Mr. Mark salamack (Petroleum Tank Cleaner) at (718)624-4842 and left message to call me back regarding information of spill (How deep you dig for excavation and did you take any bottom sample). -QA12/08/06: Called Mr. Mark salamack (Petroleum Tank Cleaner) at (718)624-4842 and left message to call me back regarding information of spill (How deep you dig for excavation and did you take any bottom sample). Mr. Mark Salamack (PTC) called me back and said that for excavation of soil they dig 3 to 4 ft and he took the sample from the bottom of the area dug out. Review the soil sample report. soil samples are cleaned. 13 drums of diesel contaminated soil have been excavated. on the basis of these informations DEC staff closed this spill. -QA

Remarks: 3K TANK WAS LEAKING AND SEEPING THROUGH WALL INTO BASEMENT, TANK WAS REPAIRED, IT WAS AN OUTSIDE UNDERGROUND TANK.

Material:

Site ID: 131508  
Operable Unit ID: 914230  
Operable Unit: 01  
Material ID: 464468  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8709132  
Spill Date: 01/04/1988  
Spill Time: 08:00  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2515 GLENWOOD RD/BKLYN (Continued)**

**S100144966**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: TOMASELLO  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/20/88  
Reported to Department Time: 13:20  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: JRD MANAGEMENT CORP  
Spiller Address: 875 MAMARONECK AVE  
Spiller City,St,Zip: MAMARONECK, NY 10543-  
Spiller Cleanup Date: / /  
Facility Contact: MARIA VALENTE  
Facility Phone: (718) 421-9046  
Facility Extention: Not reported  
Spill Notifier: Citizen  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/26/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/05/01  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 100  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #6 FUEL OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2515 GLENWOOD RD/BKLYN (Continued)

S100144966

Class Type: #6 FUEL OIL  
Times Material Entry In File: 2190  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: / / : CONTACT: SHIRLEY GUZMAN 212)-824-1005. 11/05/01: MF-R9 T/C JRD,  
718-434-4341 718-421-9046 LEFT MESSAGE FOR MARIA VELENTE.  
Spill Cause: 3K TANK WAS LEAKING AND SEEPING THROUGH WALL INTO BASEMENT, TANK WAS REPAIRED,  
IT WAS AN OUTSIDE UNDERGROUND TANK.

103  
NNE  
1/4-1/2  
0.299 mi.  
1580 ft.

NOSTRAND AVE CORP.  
1833 NOSTRAND AVE  
BROOKLYN, NY

LTANKS S100560046  
HIST LTANKS N/A  
MANIFEST  
NY Spills  
NY Hist Spills

Relative:  
Higher

LTANKS:  
Site ID: 140462  
Spill No: 9305092  
Spill Date: 7/23/1993  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/1/2000  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JMROMMEL  
Referred To: Not reported  
Reported to Dept: 7/23/1993  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 7/26/1993  
Spill Record Last Update: 12/1/2000  
Spiller Name: Not reported  
Spiller Company: UNK OWNER  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller County: 999  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 119961  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"ROMMEL"10/10/95: This is additional information about material  
spilled from the translation of the old spill file:  
PREMIUM.REASSIGNED TO ROMMEL 11/15/00  
Remarks: UNK FURTHER ACTION

Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

Site ID: 140462  
Operable Unit ID: 986683  
Operable Unit: 01  
Material ID: 395042  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 140462  
Spill Tank Test: 1541805  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 9305092  
Spill Date: 07/23/1993  
Spill Time: 16:30  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Gas Station  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/01/00  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/23/93  
Reported to Department Time: 14:20  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

Spiller Name: UNK OWNER  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/26/93  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 12/01/00  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Pounds  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: PREMIUM. REASSIGNED TO ROMMEL 11/15/00  
Spill Cause: UNK FURTHER ACTION

**NY MANIFEST:**

EPA ID: NYR000064014  
Country: USA  
Mailing Name: DHINSA SERVICE STA  
Mailing Contact: DHINSA SERVICE STA  
Mailing Address: 1833 NOSTRAND AVE  
Mailing Address 2: Not reported  
Mailing City: BROOKLYN  
Mailing State: NY  
Mailing Zip: 11216  
Mailing Zip4: Not reported  
Mailing Country: USA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

Mailing Phone: 000-000-0000

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 9609084  
DER Facility ID: 119961  
Facility Type: ER  
Site ID: 119135  
DEC Region: 2  
Spill Number: 9609084  
Spill Date: 10/21/1996  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 8/14/2001  
SWIS: 2401  
Investigator: MCTIBBE  
Referred To: Not reported  
Reported to Dept: 10/21/1996  
CID: 312  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/21/1996  
Spill Record Last Update: 8/16/2001  
Spiller Name: Not reported  
Spiller Company: NOSTRAND AVE CORP.  
Spiller Address: 1833 NOSTRAND AVE  
Spiller City,St,Zip: BROOKLYN, NY 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"Closed by Rommel.Four on-site wells clean (ND) for four consecutive quarterly groundwater sampling episodes.Hot soil areas previously identified were reinvestigated (twice) by Fenley and Nicol and were clean.

Remarks: CALLER DOING SITE ASSESSMENT FOR THE BLDG OWNER

Material:

Site ID: 119135  
Operable Unit ID: 1037182  
Operable Unit: 01  
Material ID: 344812  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Site ID: 119135  
Operable Unit ID: 1037182  
Operable Unit: 01  
Material ID: 344815  
Material Code: 0032C  
Material Name: WOOD ALCOHOL  
Case No.: 00067561  
Material FA: Hazardous Material  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**NY Hist Spills:**

Region of Spill: 2  
Spill Number: 9609084  
Investigator: TIBBE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 10/21/1996 12:20  
Reported to Dept Date/Time: 10/21/96 14:29  
SWIS: 61  
Spiller Name: NOSTRAND AVE CORP.  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: 1833 NOSTRAND AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 12  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 08/14/01  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 10/21/96  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 08/16/01  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
Material Class Type: Nonpetroleum/Nonhazardous  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WOOD ALCOHOL  
Class Type: WOOD ALCOHOL  
Times Material Entry In File: 0  
CAS Number: 00067561  
Last Date: Not reported  
Material: METHYL ALCOHOL  
Class Type: METHYL ALCOHOL  
Times Material Entry In File: 74  
CAS Number: 00067561  
Last Date: Not reported  
Material: METHANOL  
Class Type: METHANOL  
Times Material Entry In File: 77  
CAS Number: 00067561  
Last Date: 19940927

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NOSTRAND AVE CORP. (Continued)**

**S100560046**

DEC Remarks: Closed by Rommel. Four on-site wells clean ND) for four consecutive quarterly groundwater sampling episodes. Hot soil areas previously identified were reinvestigated twice) by Fenley and Nicol and were clean.  
 Remark: CALLER DOING SITE ASSESSMENT FOR THE BLDG OWNER

**AA104**  
**West**  
**1/4-1/2**  
**0.302 mi.**  
**1593 ft.**

**600 EAST 22ND ST/BKLYN**  
**600 EAST 22ND STREET**  
**BROOKLYN, NY**  
**Site 1 of 2 in cluster AA**

**LTANKS** **S106703308**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**29 ft.**

Site ID: 275614  
 Spill No: 8808845  
 Spill Date: 2/12/1989  
 Spill Cause: Tank Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Not reported  
 Spill Closed Dt: 2/16/1989  
 Facility Addr2: Not reported  
 Cleanup Ceased: 2/16/1989  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: JCGRATHW  
 Referred To: Not reported  
 Reported to Dept: 2/13/1989  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Affected Persons  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 2/14/1989  
 Spill Record Last Update: 4/29/2003  
 Spiller Name: Not reported  
 Spiller Company: REGENTS ASSOC  
 Spiller Address: 150 BAY 17TH STREET  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 224093  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GRATHWOL"  
 Remarks: SPILL FOUND DURING EXCAVATION.

**Material:**

Site ID: 275614  
 Operable Unit ID: 924744  
 Operable Unit: 01  
 Material ID: 453611  
 Material Code: 0012A  
 Material Name: Kerosene  
 Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**600 EAST 22ND ST/BKLYN (Continued)**

**S106703308**

Material FA: Petroleum  
Quantity: -1  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 8808845  
Spill Date: 02/12/1989  
Spill Time: 08:00  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Spill Closed Dt: 02/16/89  
Cleanup Ceased: 02/16/89  
Cleanup Meets Standard: True  
Investigator: GRATHWOL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 02/13/89  
Reported to Department Time: 08:56  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: REGENTS ASSOC  
Spiller Address: 150 BAY 17TH STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 336-6007  
Facility Extention: Not reported  
Spill Notifier: Affected Persons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**600 EAST 22ND ST/BKLYN (Continued)**

**S106703308**

PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 02/14/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/18/89  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: KEROSENE  
Class Type: KEROSENE  
Times Material Entry In File: 2052  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Spill Cause: SPILL FOUND DURING EXCAVATION.

**AA105**  
**West**  
**1/4-1/2**  
**0.305 mi.**  
**1612 ft.**

**585 E. 22ND STREET**  
**585 E. 22ND STREET**  
**BROOKLYN, NY**  
**Site 2 of 2 in cluster AA**

**LTANKS** **S102672595**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

**LTANKS:**

Site ID: 130022  
Spill No: 9407457  
Spill Date: 9/2/1994  
Spill Cause: Tank Overfill  
Spill Source: Tank Truck  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 9/2/1994  
Facility Addr2: Not reported  
Cleanup Ceased: 9/2/1994  
Cleanup Meets Standard: True  
SWIS: 4101  
Investigator: KSTANG  
Referred To: Not reported  
Reported to Dept: 9/2/1994

**Actual:**  
**30 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**585 E. 22ND STREET (Continued)**

**S102672595**

CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/24/1994  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: TILLET-RESIDENCE  
Spiller Address: 585 E. 22ND STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 112049  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"  
Remarks: TANK OVERFILLED-SENDING SOMEONE TO CLEAN

Material:  
Site ID: 130022  
Operable Unit ID: 1001706  
Operable Unit: 01  
Material ID: 380464  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 25  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

HIST LTANKS:  
Region of Spill: 2  
Spill Number: 9407457  
Spill Date: 09/02/1994  
Spill Time: 07:45

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**585 E. 22ND STREET (Continued)**

**S102672595**

Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 09/02/94  
Cleanup Ceased: 09/02/94  
Cleanup Meets Standard: True  
Investigator: TANG  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 09/02/94  
Reported to Department Time: 09:44  
SWIS: 63  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: TILLET-RESIDENCE  
Spiller Address: 585 E. 22ND STREET  
Spiller City,St,Zip: BROOKLYN, NEW YORK  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/24/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

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

Material:  
Material Class Type: Petroleum  
Quantity Spilled: 25  
Unkonwn Quantity Spilled: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

585 E. 22ND STREET (Continued)

S102672595

Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: TANK OVERFILLED-SENDING SOMEONE TO CLEAN

106  
NW  
1/4-1/2  
0.324 mi.  
1712 ft.

DEPT OF SANITATION BROOKL  
106 AVE D  
BROOKLYN, NY

LTANKS S104621577  
HIST LTANKS N/A

Relative:  
Higher

LTANKS:

Actual:  
31 ft.

Site ID: 210217  
Spill No: 0001738  
Spill Date: 5/10/2000  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 11/16/2005  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: kamalone  
Referred To: Not reported  
Reported to Dept: 5/10/2000  
CID: 389  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 5/10/2000  
Spill Record Last Update: 11/16/2005  
Spiller Name: Not reported  
Spiller Company: DEPT OF SANITATION BROOKL  
Spiller Address: 106 ST AND AVE D  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: CALLER  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 174265  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ROMMEL" June 2005 - Site transferred to Maloney as part of Spill Initiative. October 2005 - Spill closed and referred to spill number 0009064  
Remarks: caller reporting a failed tank test no release to environment no callback necessary

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEPT OF SANITATION BROOKL (Continued)

S104621577

Material:

Site ID: 210217  
Operable Unit ID: 823262  
Operable Unit: 01  
Material ID: 289952  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 210217  
Spill Tank Test: 1525577  
Tank Number: 1  
Tank Size: 1000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

HIST LTANKS:

Region of Spill: 2  
Spill Number: 0001738  
Spill Date: 05/10/2000  
Spill Time: 14:16  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/10/00  
Reported to Department Time: 16:16  
SWIS: 61  
Spiller Contact: CALLER  
Spiller Phone: ( ) -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEPT OF SANITATION BROOKL (Continued)

S104621577

Spiller Extention: Not reported  
Spiller Name: DEPT OF SANITATION BROOKL  
Spiller Address: 106 AVE D  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: ( ) -  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/10/00  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/11/00  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: 1  
Tank Size: 1000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
PBS Number: Not reported  
Tank Number: 1  
Tank Size: 1000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WASTE OIL  
Class Type: WASTE OIL  
Times Material Entry In File: 9509  
CAS Number: Not reported  
Last Date: 19940927  
DEC Remarks: Not reported  
Spill Cause: caller reporting a failed tank test no release to environment no callback necessary

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**107**  
**ESE**  
**1/4-1/2**  
**0.327 mi.**  
**1728 ft.**

**1515 NEW YORK AVE**  
**1515 NEW YORK AVE**  
**BROOKLYN, NY**

**LTANKS** **S102672426**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**29 ft.**

Site ID: 176692  
 Spill No: 9314233  
 Spill Date: 3/5/1994  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 3/10/1994  
 Facility Addr2: Not reported  
 Cleanup Ceased: 3/10/1994  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: ADZHITOM  
 Referred To: Not reported  
 Reported to Dept: 3/5/1994  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 3/21/1994  
 Spill Record Last Update: 9/30/2004  
 Spiller Name: Not reported  
 Spiller Company: 740 JAMAICA AVE  
 Spiller Address: Not reported  
 Spiller City,St,Zip: ZZ  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 148489  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ALEX Z."  
 Remarks: MISCALCULATED OF THE AMOUNT OF FUEL CLEANED UP W/ SD - NO CALL BACK.

**Material:**

Site ID: 176692  
 Operable Unit ID: 992525  
 Operable Unit: 01  
 Material ID: 389567  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 2  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1515 NEW YORK AVE (Continued)

S102672426

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9314233  
Spill Date: 03/05/1994  
Spill Time: 12:30  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 03/10/94  
Cleanup Ceased: 03/10/94  
Cleanup Meets Standard: True  
Investigator: ALEX Z.  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 03/05/94  
Reported to Department Time: 14:40  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: 740 JAMAICA AVE  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1515 NEW YORK AVE (Continued)

S102672426

Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/21/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 2  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: MISCALCULATED OF THE AMOUNT OF FUEL CLEANED UP W/ SD - NO CALL BACK.

108  
West  
1/4-1/2  
0.332 mi.  
1751 ft.

APT. BUILDING TTF  
2111 FOSTER AVE  
BROOKLYN, NY

LTANKS U003389857  
AST N/A  
HIST AST

Relative:  
Higher

LTANKS:

Site ID: 447535  
Spill No: 1100157  
Spill Date: 4/5/2011  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 11/9/2011  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: smsanges  
Referred To: Not reported  
Reported to Dept: 4/5/2011  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False

Actual:  
27 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT. BUILDING TTF (Continued)**

**U003389857**

Remediation Phase: 0  
Date Entered In Computer: 4/5/2011  
Spill Record Last Update: 11/9/2011  
Spiller Name: ZEV WIESBERGER  
Spiller Company: BUILDING OWNER  
Spiller Address: 2111 FOSTER AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 999  
Spiller Contact: ADVANCED TANK  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 402138  
DEC Memo: Sangesland spoke to Mr Wiesberger 917-804-9869Sent the following e-mail to him at:  
firstventurerealty@gmail.com\*\*\*\*\*  
\*\*\*\*\*RE: Tank Test Failure at 2111 Foster Ave, Brooklyn - April 5, 2011 2,000 gal - #2 Oil TankMr. Wiesberger,The NYSDEC has an open spill violation case for this property dated 4/5/2011. - Spill#1100157If the tank has been repaired and retested, please forward a statement with the following data:1) Tank Test Passing Report2) Statement of what work was done to the tank to make it now pass.3) Statement that NO CONTAMINATION OR SPILL WAS FOUND DURING REPAIRS.When we get a report with these items, this case will be closed out.Thanks,Steve Sangesland P.E.Environmental EngineerNYSDEC Region 2 - Spills  
Unit\*\*\*\*\*11/9/2011  
Sangesland revceived a closure report (eDocs) with all required documents. Air leak was repairs, retested, no actual liquid leaked.  
Spill Closed.  
Remarks: TANK TEST FAIL

Material:  
Site ID: 447535  
Operable Unit ID: 1197708  
Operable Unit: 01  
Material ID: 2194017  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT. BUILDING TTF (Continued)**

**U003389857**

Last Modified: Not reported  
Test Method: Not reported

AST:

Region: STATE  
DEC Region: 2  
Site Status: Active  
Facility Id: 2-287423  
Program Type: PBS  
UTM X: 588201.06432  
UTM Y: 4498930.5770300003  
Expiration Date: 2014/04/30

Affiliation Records:

Site Id: 12864  
Affiliation Type: Mail Contact  
Company Name: FIRST VENTURE REALTY LLC  
Contact Type: MEMBER  
Contact Name: ZEV WEISBERGER  
Address1: P.O. BOX 191135  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 437-1331  
Phone Ext: Not reported  
Email: FIRSTVENTUREREALTY@GMAIL.COM  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 3/21/2011

Site Id: 12864  
Affiliation Type: On-Site Operator  
Company Name: 2111 FOSTER AVE  
Contact Type: Not reported  
Contact Name: ZEV WEISBERGER  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (917) 804-9869  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 3/21/2011

Site Id: 12864  
Affiliation Type: Emergency Contact  
Company Name: FIRST VENTURE REALTY LLC  
Contact Type: Not reported  
Contact Name: ZEV WEISBERGER  
Address1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT. BUILDING TTF (Continued)**

**U003389857**

Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (917) 804-9869  
Phone Ext: Not reported  
Email: Not reported  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 3/21/2011

Site Id: 12864  
Affiliation Type: Owner  
Company Name: FIRST VENTURE REALTY LLC  
Contact Type: MEMBER  
Contact Name: ZEV WEISBERGER  
Address1: P.O. BOX 191135  
Address2: Not reported  
City: BROOKLYN  
State: NY  
Zip Code: 11219  
Country Code: 001  
Phone: (718) 437-1331  
Phone Ext: Not reported  
Email: FIRSTVENTUREREALTY@GMAIL.COM  
Fax Number: Not reported  
Modified By: CGFREEDM  
Date Last Modified: 3/21/2011

Equipment Records:

C00 - Pipe Location - No Piping  
F00 - Pipe External Protection - None  
I04 - Overfill - Product Level Gauge (A/G)  
B00 - Tank External Protection - None  
A00 - Tank Internal Protection - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction  
L09 - Piping Leak Detection - Exempt Suction Piping  
G03 - Tank Secondary Containment - Vault (w/o access)  
H00 - Tank Leak Detection - None

Tank Info:

Tank Number: 001  
Tank Id: 17740  
Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Tank Model: Not reported  
Pipe Model: Not reported  
Install Date: 01/22/1926  
Capacity Gallons: 2000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT. BUILDING TTF (Continued)**

**U003389857**

Register: True  
Modified By: CGFREEDM  
Last Modified: 03/21/2011

**HIST AST:**

PBS Number: 2-287423  
SWIS Code: 6101  
Operator: LAURA ANTONAROS  
Facility Phone: (718) 875-6471  
Facility Addr2: 2111 FOSTER AVE  
Facility Type: APARTMENT BUILDING  
Emergency: LAURA ANTONAROS  
Emergency Tel: (718) 891-5056  
Old PBSNO: Not reported  
Date Inspected: Not reported  
Inspector: Not reported  
Result of Inspection: Not reported  
Owner Name: LAURA ANTONAROS  
Owner Address: 476 SMITH ST  
Owner City,St,Zip: BROOKLYN, NY 11231  
Federal ID: Not reported  
Owner Tel: (718) 875-6471  
Owner Type: Private Resident  
Owner Subtype: Not reported  
Mailing Contact: LAURA ANTONACOS  
Mailing Name: LAURA ANTONAROS  
Mailing Address: 476 SMITHS  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BROOKLYN, NY 11231  
Mailing Telephone: (718) 875-6471  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.  
  
Certification Flag: False  
Certification Date: 07/10/1997  
Expiration: 07/20/2002  
Renew Flag: False  
Renew Date: Not reported  
Total Capacity: 1500  
FAMT: True  
Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: Minor Data Missing  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City Code: 01  
Region: 2  
  
Tank ID: 001  
Tank Location: ABOVEGROUND  
Tank Status: In Service  
Install Date: Not reported  
Capacity (Gal): 1500  
Product Stored: NOS 1,2, OR 4 FUEL OIL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**APT. BUILDING TTF (Continued)**

**U003389857**

Tank Type: Steel/carbon steel  
 Tank Internal: Not reported  
 Tank External: Not reported  
 Pipe Location: Not reported  
 Pipe Type: STEEL/IRON  
 Pipe Internal: Not reported  
 Pipe External: Not reported  
 Tank Containment: Diking  
 Leak Detection: 0  
 Overfill Protection: 4  
 Dispenser Method: Suction  
 Date Tested: Not reported  
 Next Test Date: Not reported  
 Missing Data for Tank: Minor Data Missing  
 Date Closed: Not reported  
 Test Method: Not reported  
 Deleted: False  
 Updated: False  
 SPDES Number: Not reported  
 Lat/Long: Not reported

**109  
 SE  
 1/4-1/2  
 0.338 mi.  
 1785 ft.**

**720 E 31ST ST/BKLYN  
 720 EAST 31ST STREET  
 NEW YORK CITY, NY**

**LTANKS S100145219  
 HIST LTANKS N/A**

**Relative:  
 Higher**

LTANKS:  
 Site ID: 123861  
 Spill No: 8805188  
 Spill Date: 9/15/1988  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
 Spill Closed Dt: 9/30/1992  
 Facility Addr2: Not reported  
 Cleanup Ceased: 9/30/1992  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: BATTISTA  
 Referred To: Not reported  
 Reported to Dept: 9/15/1988  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 9/16/1988  
 Spill Record Last Update: 5/12/1994  
 Spiller Name: Not reported  
 Spiller Company: MR. LEVY  
 Spiller Address: 31 FRANKLIN AV,BOX 395  
 Spiller City,St,Zip: HEWLETT, NY 11557  
 Spiller County: 001  
 Spiller Contact: Not reported

**Actual:  
 27 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**720 E 31ST ST/BKLYN (Continued)**

**S100145219**

Spiller Phone: Not reported  
Spiller Extension: Not reported  
DEC Region: 2  
DER Facility ID: 107350  
DEC Memo: Not reported  
Remarks: 5K TANK FAILED PETRO TITE WITH A LEAK RATE OF 1.726GPH.

Material:

Site ID: 123861  
Operable Unit ID: 922314  
Operable Unit: 01  
Material ID: 457096  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 123861  
Spill Tank Test: 1534622  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8805188  
Spill Date: 09/15/1988  
Spill Time: 15:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Spill Closed Dt: 09/30/92  
Cleanup Ceased: 09/30/92  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

720 E 31ST ST/BKLYN (Continued)

S100145219

Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 09/15/88  
Reported to Department Time: 16:10  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: MR. LEVY  
Spiller Address: 31 FRANKLIN AV,BOX 395  
Spiller City,St,Zip: HEWLETT, NY 11557  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 374-7754  
Facility Extension: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-061085  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/16/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/12/94  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : 41 1 1 0 4 2 N.T.R2 2-056928 0391112/47+ 3105 3195 1 0 4 2 N.T.R1  
T2-056936 0411112/47+ 3105 3195 1 0 4 2 N.T.R1 T2-0.  
Spill Cause: 5K TANK FAILED PETRO TITE WITH A LEAK RATE OF 1.726GPH.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

110  
SW  
1/4-1/2  
0.338 mi.  
1787 ft.

2310 GLENWOOD RD.  
2310 GLENWOOD ROAD  
BROOKLYN, NY

HIST LTANKS  
NY Hist Spills  
S102147998  
N/A

Relative:  
Higher

HIST LTANKS:

Actual:  
24 ft.

Region of Spill: 2  
Spill Number: 9315184  
Spill Date: 03/25/1994  
Spill Time: 08:00  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: MILLER  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 03/25/94  
Reported to Department Time: 10:48  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: TRATAROS? CONST. INC.  
Spiller Address: 664 64TH STREET  
Spiller City,St,Zip: CHAIM GOUTTER  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 833-6070  
Facility Extention: Not reported  
Spill Notifier: Local Agency  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/28/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**2310 GLENWOOD RD. (Continued)**

**S102147998**

Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 3600  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205

DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: FILL LINE RUPTURED.

Spill Cause: FD IS THERE CO 255 718-965-8255) LAST WEEK LINE WAS RUPTURED DURING EXCAV. WORK WHEN TRUCK DELIVERED OIL TODAY IT JUST WENT INTO CAR - COASTAL FUEL DELIVERED FUEL THEY ARE SENDING TRUCK OVER TO PUMP

NY Hist Spills:

Region of Spill: 2  
Spill Number: 9315163  
Investigator: S. MILLER  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 03/25/1994 08:30  
Reported to Dept Date/Time: 03/25/94 08:58  
SWIS: 61  
Spiller Name: UNK  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 12  
Spill Notifier: Local Agency  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2310 GLENWOOD RD. (Continued)

S102147998

Spill Closed Dt: / /  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 03/28/94  
Date Spill Entered In Computer Data File: Not reported  
Update Date: / /  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 3000  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: UNKNOWN PETROLEUM  
Class Type: UNKNOWN PETROLEUM  
Times Material Entry In File: 16414  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Remark: FD ENROUTE HAZ MAT WAS NOTIFIED TO NOTIFY INDUS. SECTION.

111  
ENE  
1/4-1/2  
0.340 mi.  
1794 ft.

1362 NEW YORK AVE  
1362 NEW YORK AVE  
BROOKLYN, NY

LTANKS S108639571  
N/A

Relative:  
Lower

LTANKS:

Site ID: 381225  
Spill No: 0701668  
Spill Date: 5/10/2007  
Spill Cause: Tank Overfill  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 9/17/2007  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: smsanges  
Referred To: Not reported  
Reported to Dept: 5/10/2007  
CID: 444  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False

Actual:  
23 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1362 NEW YORK AVE (Continued)**

**S108639571**

Remediation Phase: 0  
Date Entered In Computer: 5/10/2007  
Spill Record Last Update: 10/10/2007  
Spiller Name: Not reported  
Spiller Company: HESS OIL COMPANY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: RAFAEL GARCIA  
Spiller Phone: (718) 856-4500  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 330615  
DEC Memo: 9/17/2007 Sangesland reviewed a closure report prepared by Chris Tomasello of Advanced Site Restoration LLC. They said that there was a large #6 oil spill in the central courtyard of an apartment building. There is a buried #6 oil tank under a public walkway. The area was dug out and 48.94 tons of contaminated soils were removed and disposed of. A clay layer at the 8-12 ft depth prevented the contamination from moving deeper. USGS surveys of the area put groundwater at approx. 50+ ft depth. The contractor removed as much of the contamination as possible. Due to structural and public safety considerations not all of the sidewall contamination was able to be removed. Spill is Closed.

Remarks: SPILL IS CONTAINED, WILL BE CLEANED UP

Material:

Site ID: 381225  
Operable Unit ID: 1138693  
Operable Unit: 01  
Material ID: 2128687  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

112  
 WSW  
 1/4-1/2  
 0.355 mi.  
 1872 ft.

762 EAST 21TH STREET  
 762 EAST 21TH STREET  
 BROOKLYN, NY

LTANKS S102672333  
 HIST LTANKS N/A

Relative:  
 Higher

LTANKS:

Actual:  
 24 ft.

Site ID: 74093  
 Spill No: 9312353  
 Spill Date: 1/18/1994  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
 Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 12/31/2002  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: True  
 SWIS: 2401  
 Investigator: SJMILLER  
 Referred To: Not reported  
 Reported to Dept: 1/21/1994  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Citizen  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/25/1994  
 Spill Record Last Update: 12/31/2002  
 Spiller Name: Not reported  
 Spiller Company: ATLANTIC & PACIFIC FUEL C  
 Spiller Address: 1195 CONNEY IS. AVE.  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 69612  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MILLER"  
 Remarks: DRIVER NEVER NOTICED SPILL ON GROUND - EVEN THROUGH BE TOOK NOZZLE OUT OF TANK - HE MUST HAVE SEEN IT - WOULD LIKE A CALL BACK - ASAP - TO SEND SOMEONE TO THE FIELD.

Material:

Site ID: 74093  
 Operable Unit ID: 990975  
 Operable Unit: 01  
 Material ID: 391334  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 15  
 Units: Gallons  
 Recovered: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**762 EAST 21TH STREET (Continued)**

**S102672333**

Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9312353  
Spill Date: 01/18/1994  
Spill Time: 14:30  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: S. MILLER  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/21/94  
Reported to Department Time: 10:13  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ATLANTIC & PACIFIC FUEL C  
Spiller Address: 1195 CONNEY IS. AVE.  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 252-6000  
Facility Extention: Not reported  
Spill Notifier: Citizen  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

762 EAST 21TH STREET (Continued)

S102672333

Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/25/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 15  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: DRIVER NEVER NOTICED SPILL ON GROUND - EVEN THROUGH BE TOOK NOZZLE OUT OF TANK - HE MUST HAVE SEEN IT - WOULD LIKE A CALL BACK - ASAP - TO SEND SOMEONE TO THE FIELD.

113  
SE  
1/4-1/2  
0.364 mi.  
1920 ft.

APARTMENT COMPLEX  
745 EAST 31ST STREET  
BROOKLYN, NY

LTANKS S104782509  
HIST LTANKS N/A

Relative:  
Higher

LTANKS:

Site ID: 209654  
Spill No: 0008196  
Spill Date: 10/12/2000  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 8/4/2010  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: LXZIELIN  
Referred To: Not reported  
Reported to Dept: 10/12/2000  
CID: 282

Actual:  
27 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APARTMENT COMPLEX (Continued)**

**S104782509**

Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/12/2000  
Spill Record Last Update: 8/4/2010  
Spiller Name: ARCO MANAGMENT COMPANY  
Spiller Company: HARRY RHODES  
Spiller Address: 2940 AVE X  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: ARCO MANGMENT COMPANY  
Spiller Phone: (718) 648-1100  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 391623  
DEC Memo: 08/04/10 - LZJacob Zanger of Superior Realty sent a letter (eDocs) stating that his company took over the facility in June 2006 and that he has no information on the spill case. The tank might fail tightness test in 200 because of a fill line; it was replaced or repaired (photo in eDocs)before 2006. The tank passed the tightness test in 2010 (report in eDocs). Mr. Zanger sent also a PBS application to correct tank information. The spill case is closed.06-15-10 - LZA meeting with Jacob Zanger of Superior Realty, phone 718-972-2440, e-mail Jacob@superiorealty.com. A tightness will be done immediately, information correction will be applicatin submitted (tank size, cathodic protection incorrect) and a letter from the owner on available tank files sent to DEC. 04/19/10 - LZAn additional TTF letter (eDocs) sent to Juan Sinnreich.04/16/10 - LZSent a TTF letter to Mauric Gazo (eDocs)and Barry Sheps (sDocs) LZPrior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"3/29/06 - Unable to contact listed contacts.

Remarks: tank failed the test.

Material:  
Site ID: 209654  
Operable Unit ID: 830584  
Operable Unit: 01  
Material ID: 545715  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 209654  
Spill Tank Test: 1525933  
Tank Number: 1  
Tank Size: 7500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APARTMENT COMPLEX (Continued)**

**S104782509**

Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 0008196  
Spill Date: 10/12/2000  
Spill Time: 16:55  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: SANGESLAND  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/12/00  
Reported to Department Time: 17:21  
SWIS: 61  
Spiller Contact: ARCO MANGMENT COMPANY  
Spiller Phone: (718) 648-1100  
Spiller Extention: Not reported  
Spiller Name: HARRY RHODES  
Spiller Address: 2940 AVE X  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: ARCO MANAGMENT COMPANY  
Facility Phone: (718) 648-1100  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/12/00  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/13/00  
Is Updated: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**APARTMENT COMPLEX (Continued)**

**S104782509**

Tank:  
 PBS Number: Not reported  
 Tank Number: 1  
 Tank Size: 7500  
 Test Method: Horner EZ Check  
 Leak Rate Failed Tank: 0.00  
 Gross Leak Rate: Not reported

Material:  
 Material Class Type: Petroleum  
 Quantity Spilled: 0  
 Unkonwn Quantity Spilled: False  
 Units: Gallons  
 Quantity Recovered: 0  
 Unkonwn Quantity Recovered: False  
 Material: #2 FUEL OIL  
 Class Type: #2 FUEL OIL  
 Times Material Entry In File: 24464  
 CAS Number: Not reported  
 Last Date: 19941207  
 DEC Remarks: Not reported  
 Spill Cause: tank failed the test.

114  
 SE  
 1/4-1/2  
 0.366 mi.  
 1932 ft.

**720 EAST 32NS STREET  
 720 EAST 32ND STREET  
 NEW YORK CITY, NY**

**LTANKS S100145174  
 HIST LTANKS N/A**

**Relative:  
 Higher**

LTANKS:  
 Site ID: 200142  
 Spill No: 8803718  
 Spill Date: 7/28/1988  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 10/2/1992  
 Facility Addr2: Not reported  
 Cleanup Ceased: 10/2/1992  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: BATTISTA  
 Referred To: Not reported  
 Reported to Dept: 7/28/1988  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/2/1988  
 Spill Record Last Update: 5/12/1994  
 Spiller Name: Not reported  
 Spiller Company: 720-740 APARTMENT INC  
 Spiller Address: 747 SEALY STREET  
 Spiller City,St,Zip: BROOKLYN, NY

**Actual:  
 28 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**720 EAST 32NS STREET (Continued)**

**S100145174**

Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 277415  
DEC Memo: Not reported  
Remarks: 7.5K TANK FAILED WITH A GROSS LEAK, WILL REPAIR LINES, EMPTY TANK AND DO INTERNAL INSPECTION.

Material:

Site ID: 200142  
Operable Unit ID: 920879  
Operable Unit: 01  
Material ID: 459252  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Not reported  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 200142  
Spill Tank Test: 1534365  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8803718  
Spill Date: 07/28/1988  
Spill Time: 19:15  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 10/02/92  
Cleanup Ceased: 10/02/92  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**720 EAST 32NS STREET (Continued)**

**S100145174**

Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/28/88  
Reported to Department Time: 20:48  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: 720-740 APARTMENT INC  
Spiller Address: 747 SEALY STREET  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 965-1500  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-359254  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/02/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/12/94  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : 41 1 1 0 4 2 N.T.R2 2-061247 0015112/60+ @ 3101 31 0 9 462 N.T.R2  
T2-061255 0014112/56++ 31 1 0 0 4 2 12/872 2-061255.  
Spill Cause: 7.5K TANK FAILED WITH A GROSS LEAK, WILL REPAIR LINES, EMPTY TANK AND DO  
INTERNAL INSPECTION.

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

115  
ENE  
1/4-1/2  
0.366 mi.  
1933 ft.

**APT COMPLEX  
3401 FOSTER AVE  
BROOKLYN, NY**

**LTANKS S104650087  
NY Spills N/A  
NY Hist Spills**

**Relative:  
Lower**

LTANKS:

**Actual:  
22 ft.**

Site ID: 181768  
 Spill No: 0209065  
 Spill Date: 12/4/2002  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 5/6/2005  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: SMSANGES  
 Referred To: Not reported  
 Reported to Dept: 12/4/2002  
 CID: 270  
 Water Affected: Not reported  
 Spill Notifier: Affected Persons  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 12/4/2002  
 Spill Record Last Update: 7/5/2006  
 Spiller Name: MR JENKINS  
 Spiller Company: Not reported  
 Spiller Address: 3401 FORSTER AV  
 Spiller City,St,Zip: BROOKLYN, ZZ  
 Spiller County: 001  
 Spiller Contact: MR JENKINS  
 Spiller Phone: (718) 846-4821  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 222596  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND" CALLED MR. JENKINS 718-846-4821. LEFT A VOICE MAIL @3:21 PM.  
 Remarks: STORAGE TANK OVERFILLED MOST CLEANED UP

Material:

Site ID: 181768  
 Operable Unit ID: 860487  
 Operable Unit: 01  
 Material ID: 516049  
 Material Code: 0002A  
 Material Name: #4 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 50  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT COMPLEX (Continued)**

**S104650087**

Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

SPILLS:  
Facility ID: 0601193  
DER Facility ID: 222596  
Facility Type: ER  
Site ID: 363375  
DEC Region: 2  
Spill Number: 0601193  
Spill Date: 5/2/2006  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 5/2/2006  
SWIS: 2401  
Investigator: SFRAHMAN  
Referred To: Not reported  
Reported to Dept: 5/2/2006  
CID: 444  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Affected Persons  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/2/2006  
Spill Record Last Update: 5/2/2006  
Spiller Name: INA LIGHTFOOT  
Spiller Company: APRT 5B  
Spiller Address: 3401 FOSTER AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: INA LIGHTFOOT  
Contact Phone: (718) 598-2526  
DEC Memo: 05/02/06 Sharif Rahman- House keeping problem. No petroleum spill. I advised Ms. Ina to contact NYC HPD/DEP. Spill Closed.  
Remarks: CALLER SAYS THAT STUFF IS COMING UP IN HER PIPES IN APARTMENT: AND SAYS IT IS HAZARDOUS AND ODORS ETC.

Material:  
Site ID: 363375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT COMPLEX (Continued)**

**S104650087**

Operable Unit ID: 1121430  
Operable Unit: 01  
Material ID: 2110929  
Material Code: 0063A  
Material Name: UNKNOWN HAZARDOUS MATERIAL  
Case No.: Not reported  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Facility ID: 9911367  
DER Facility ID: 222596  
Facility Type: ER  
Site ID: 273653  
DEC Region: 2  
Spill Number: 9911367  
Spill Date: 12/28/1999  
Spill Cause: Unknown  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 12/29/1999  
SWIS: 2401  
Investigator: JMKRIMGO  
Referred To: Not reported  
Reported to Dept: 12/28/1999  
CID: 388  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 12/28/1999  
Spill Record Last Update: 4/4/2002  
Spiller Name: Not reported  
Spiller Company: VANDERVEER ESTATES HOLD.  
Spiller Address: 3301 FOSTER AVE  
Spiller City,St,Zip: BROOKLYN, NY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT COMPLEX (Continued)**

**S104650087**

Spiller Company: 001  
Contact Name: MR. CLARK  
Contact Phone: (718) 856-4500  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"12/28/99. J.KRIMGOLD ARRIVED ON SITE @ 17:45. FD SAYS THAT A LEAK FROM A RETURN LINE CAUSE A SPILL IN THE BASEMENT (BOILER ROOM). WHEN THE PREHEATED OIL SPILL REACHED THE RED-HUT BOILERS IT CAUGHT A FIRE. OBSERVED ABOUT 100 GAL OF #6 OIL ON THE CONCRETE BASEMENT FLOOR COVERD WITH FOAM. SUMP PIT FILLED WITH OIL AND THE PUMP CONNECTED BY FLX HOSE TO THE SEWER. HOSE FILLED WITH OIL (OBVIOUSLY SOMEBODY FROM BOILER MAINT. WAS TRYING TO PUMP OUT OIL TO THE SEWER). CALLED DEP. PETROLEUM TANK CLEANERS WAS CALLED BY THE BUILDING MANAGEMENT TO DO THE CLEAN UP.THE MAJORITY OF THE SPILL WAS CLEANED UP. STEAM CLEANING WILL BY DONE NEXT DAY. DUE TO THE FIRE BOTH BOILERS ARE OUT OF SERVICE FOR PROBABLY 2-3 DAYS. ABOUT 500 FAMILIES WTHOUT HEAT AND HOT WATER. WHITH OUTSIDE TEMPERATURE DRUPPING BELOW 25F NYC OEM AND RED CROSS ON SITE CONSIDERING ARRANGING SHELTERS IN THE NEAREST P.S. MOBIL STEAM WAS CONTACTED BY MGNT TO BRING A MOBIL BOILER. DEP (MR. ZINGAROPOLI) ARRIVE ON THE SITE @ 21:20.12/28/99. J.KRIMGOLD AT SITE. PTC IS STEAM-CLEANING FLOOR AND WALLS IN THE BASEMENT. NO FURTHER ACTION IS REQUIRED AT THIS TIME.T

Remarks: caller reports 100 galoons in water in basement at above address. caller was notified by fire dept. building next to property evacuated due to large amt of oil. request callback to dep.PRODUCT SPILLED #6 OIL. NOT #2 AS WAS INITIALLY REPORTED.

Material:  
Site ID: 273653  
Operable Unit ID: 1090063  
Operable Unit: 01  
Material ID: 296826  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APT COMPLEX (Continued)**

**S104650087**

NY Hist Spills:

Region of Spill: 2  
Spill Number: 9911367  
Investigator: KRIMGOLD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/28/1999 16:46  
Reported to Dept Date/Time: 12/28/99 16:46  
SWIS: 61  
Spiller Name: VANDERVEER ESTATES HOLD.  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Contact: MR. CLARK  
Spiller Phone: (718) 856-4500  
Spiller Address: 3301 FOSTER AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 09  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/29/99  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/28/99  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 01/21/00  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 100  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**APT COMPLEX (Continued)**

**S104650087**

Unkonwn Quantity Recovered: False

Material: #2 FUEL OIL

Class Type: #2 FUEL OIL

Times Material Entry In File: 24464

CAS Number: Not reported

Last Date: 19941207

DEC Remarks: ARRIVE ON SITE @ 17:45. FD SAYS THAT A LEAK FROM A RETURN LINE CAUSE A SPILL IN THE BASEMENT BOILER ROOM). WHEN THE PREHEATED OIL SPILL REACHED THE RED-HUT BOILERS IT CAUGHT A FIRE. OBSERVE ABOUT 100 GAL OF 6 OIL ON THE CONCRETE BASEMENT FLOOR COVERD WITH FOAM. SUMP PIT FILLED WITH OIL AND THE PUMP CONNECTED BY FLX HOSE TO THE SEWER. HOSE FILLED WITH OIL OBVIOUSLY SOMEBODY FROM BOILER MAINT. WAS TRYING TO PUMP OUT OIL TO THE SEWER). CALLED DEP. PETROLEUM TANK CLEANERS WAS CALLED BY THE BUILDING MANAGEMENT TO DO THE CLEAN UP. THE MAJORITY OF THE SPILL WAS CLEANED UP. STEAM CLEANING WILL BY DONE NEXT DAY. DUE TO THE FIRE BOTH BOILERS ARE OUT OF SERVICE FOR PROBABLY 2-3 DAYS. ABOUT 500 FAMILIES WTHOUT HEAT AND HOT WATER. WHITH OUTSIDETEMPERATURE DRUPPING BELOW 25F NYC OEM AND RED CROSS ON SITE CONSIDERING ARRANGING SHELTERS IN THE NEAREST P.S. MOBIL STEAM WAS CONTACTED BY MGNT TO BRING A MOBIL BOILER. DEP MR. ZINGAROPOLI) ARRIVE ON THE SITE @ 21:20.

Remark: caller reports 100 galoons in water in basement at above address. caller was notified by fire dept. building next to property evacuated due to large amt of oil. request callback to dep. PRODUCT SPILLED 6 OIL. NOT 2 AS WAS INITIALLY REPORTED.

116  
 WSW  
 1/4-1/2  
 0.371 mi.  
 1957 ft.

**FEDERAL EXPRESS CORP**  
**107-123 FARRAGUT RD**  
**BROOKLYN, NY 11236**

**RCRA-CESQG** 1000148573  
**FINDS** NYD001236520  
**CBS AST**  
**MANIFEST**  
**MANIFEST**  
**INST CONTROL**  
**VCP**  
**CBS**

**Relative:**  
**Higher**

**Actual:**  
**24 ft.**

RCRA-CESQG:  
 Date form received by agency: 01/01/2007  
 Facility name: FEDERAL EXPRESS CORP  
 Facility address: 107-123 FARRAGUT RD  
 BROOKLYN, NY 11236  
 EPA ID: NYD001236520  
 Mailing address: PO BOX 727  
 MEMPHIS, NY 38194  
 Contact: Not reported  
 Contact address: PO BOX 727  
 MEMPHIS, NY 38194  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 02  
 Land type: Facility is not located on Indian land. Additional information is not known.  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

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

Owner/Operator Summary:

Owner/operator name: FED EX  
Owner/operator address: 1 CENTURY DR  
PARSIPPANY, NJ 07054  
  
Owner/operator country: US  
Owner/operator telephone: (973) 682-3747  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: FED EX  
Owner/operator address: 1 CENTURY DR  
PARSIPPANY, NJ 07054  
  
Owner/operator country: US  
Owner/operator telephone: (973) 682-3747  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: FEDERAL EXPRESS CORP  
Classification: Conditionally Exempt Small Quantity Generator  
  
Date form received by agency: 07/14/1999  
Facility name: FEDERAL EXPRESS CORP  
Classification: Small Quantity Generator  
  
Date form received by agency: 03/06/1998  
Facility name: FEDERAL EXPRESS CORP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Classification: Large Quantity Generator  
  
Date form received by agency: 03/01/1990  
Facility name: FEDERAL EXPRESS CORP  
Site name: DURALAB EQUIPMENT CORPORATION  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Listing - General  
Date violation determined: 04/30/2008  
Date achieved compliance: 02/06/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/22/2008  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 03/12/2009  
Enforcement lead agency: State  
Proposed penalty amount: 0  
Final penalty amount: 0  
Paid penalty amount: 0

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 06/05/1986  
Date achieved compliance: 09/25/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/23/1986  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 0  
Final penalty amount: 0  
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 04/30/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Listing - General  
Date achieved compliance: 02/06/2009  
Evaluation lead agency: State

Evaluation date: 06/05/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/25/1986  
Evaluation lead agency: State

FINDS:

Registry ID: 110004332892

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**CBS AST:**

CBS Number: 2-000081  
Region: STATE  
ICS Number: 2-126418  
PBS Number: Not reported  
MOSF Number: Not reported  
Telephone: (718) 649-9600  
Facility Town: NEW YORK CITY  
Operator: JOHN V. MAZZOLA  
Emrgncy Contact: JOHN V. MAZZOLA  
Emrgncy Phone: (718) 649-9600  
Expiration Date: 07/05/1997  
Owner Name: DURALAB EQUIP. CORP.  
Owner Address: 107-23 FARRAGUT RD.  
Owner City,St,Zip: BROOKLYN, NY 11236  
Owner Telephone: (718) 649-9600  
Owner type: Corporate/Commercial  
Facility Type: MANUFACTURING  
Mail Name: DURALAB EQUIP. CORP.  
Mail Contact Addr: 107-23 FARRAGUT RD.  
Mail Contact Addr2: Not reported  
Mail Contact Contact: JOHN V. MAZZOLA  
Mail Contact City,St,Zip: BROOKLYN, NY 11236  
Mail Phone: (718) 649-9600  
SPDES Number: Not reported  
Facility Status: ACTIVE FACILITY  
Owner Sub Type: Not reported

Tank Id: 001  
Date Entered: 07/05/1989  
Capacity (Gal): 1000  
Chemical: Trichloroethene  
Tank Closed: Not reported  
Tank Status: In Service  
Tank Type: Steel/carbon steel  
Install Date: 05/89  
Certified Date: 09/28/1995  
CAS Number: 79016  
Substance: Single Hazardous Substance on DEC List  
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE  
Intrnl Protection: None  
Extrnl Protection: None  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: 0  
Pipe Containment: Vault (w/access)  
Tank Containment: Vault (w/access)  
Leak Detection: None  
Overfill Protection: Product Level Gauge  
Haz Percent: 100  
Total Tanks: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Tank Secret: False  
Last Test: Not reported  
Due Date: Not reported  
Tank Error Status: No Missing Data  
SWIS Code: 6101  
Lat/Long: Not reported  
Pipe Flag: False  
Federal ID: Not reported  
Is Updated: F  
Renew Date: 04/01/93  
Is it There: F  
Deliquent: F  
Date Expired: 07/05/95  
Owner Mark: 1  
Certificate Needs to be Printed: False  
Fiscal Amt for Registration Fee Correct: True  
Renewal Has Been Printed for Facility: True  
Pre-Printed Renewal App Last Printed: 09/01/1998  
Total Capacity of All Active Tanks(gal): 1000

**NY MANIFEST:**

EPA ID: NYD001236520  
Country: USA  
Mailing Name: DURALAB EQUIPMENT CORP  
Mailing Contact: UNKNOWN  
Mailing Address: 675 OLD COUNTRY RD  
Mailing Address 2: Not reported  
Mailing City: WESTBURY  
Mailing State: NY  
Mailing Zip: 11590  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 000-000-0000

Document ID: NYO2238399  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: 55771AN  
Trans2 State ID: Not reported  
Generator Ship Date: 821112  
Trans1 Recv Date: 821112  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 821115  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD990720658  
Trans2 EPA ID: Not reported  
TSDf ID: NJD002182897  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01430  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 026  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 82

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Document ID: NYO1668951  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: NY2A074  
Trans2 State ID: Not reported  
Generator Ship Date: 820603  
Trans1 Recv Date: 820603  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 820603  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NYD000824334  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000824334  
Waste Code: F003 - UNKNOWN  
Quantity: 00880  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 016  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 82

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: OHD009865825  
Generator Ship Date: 11/30/2007  
Trans1 Recv Date: 11/30/2007  
Trans2 Recv Date: 12/19/2007  
TSD Site Recv Date: 12/26/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ILD980613913  
Waste Code: Not reported  
Quantity: 200  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 000074004SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Mgmt Method Type Code: H141

Document ID: NJA0612225  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS063  
Trans2 State ID: NJDEPS063  
Generator Ship Date: 890321  
Trans1 Recv Date: 890321  
Trans2 Recv Date: 890322  
TSD Site Recv Date: 890322  
Part A Recv Date: 890407  
Part B Recv Date: 890330  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD982528168  
Trans2 EPA ID: NJD982528168  
TSD ID: NJD002454544  
Waste Code: F001 - UNKNOWN  
Quantity: 00070  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: NJA0653278  
Manifest Status: Completed copy  
Trans1 State ID: 26031  
Trans2 State ID: Not reported  
Generator Ship Date: 890707  
Trans1 Recv Date: 890707  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890710  
Part A Recv Date: 890713  
Part B Recv Date: 890727  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD982281016  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00200  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 89

Document ID: NJA0624530  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: NJDEP5811  
Trans2 State ID: Not reported  
Generator Ship Date: 890525  
Trans1 Recv Date: 890525

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890525  
Part A Recv Date: 890711  
Part B Recv Date: 890601  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD982281016  
Trans2 EPA ID: Not reported  
TSD ID: NJD002200046  
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV  
Quantity: 00867  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 89

Document ID: MIA7062718  
Manifest Status: Not reported  
Trans1 State ID: NJD986607380  
Trans2 State ID: Not reported  
Generator Ship Date: 03/20/1998  
Trans1 Recv Date: 03/20/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/07/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: MID980991566  
Trans2 EPA ID: Not reported  
TSD ID: NYJA334  
Waste Code: D040 - TRICHLOROETHYLENE 0.5 MG/L TCLP  
Quantity: 00120  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYB8578071  
Manifest Status: Completed after the designated time period for a TSD ID to get a copy to the DEC  
Trans1 State ID: 13741E  
Trans2 State ID: Not reported  
Generator Ship Date: 970520  
Trans1 Recv Date: 970520  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 970520  
Part A Recv Date: 970529  
Part B Recv Date: 970717  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NYD057722258  
Trans2 EPA ID: Not reported  
TSD ID: NYD057722258  
Waste Code: F001 - UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Quantity: 00294  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 132  
Year: 97

Document ID: NJA2710479  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 08690  
Trans2 State ID: Not reported  
Generator Ship Date: 971208  
Trans1 Recv Date: 971208  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 971218  
Part A Recv Date: 971224  
Part B Recv Date: 980120  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: ILD984908202  
Trans2 EPA ID: Not reported  
TSDF ID: NJD002182897  
Waste Code: F005 - UNKNOWN  
Quantity: 02045  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00526  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 97

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: Not reported  
Generator Ship Date: 2011-04-13  
Trans1 Recv Date: 2011-04-13  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2011-04-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ILD980613913  
Waste Code: Not reported  
Quantity: 75.0  
Units: P - Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 002593764SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2011-12-12  
Trans1 Recv Date: 2011-12-12  
Trans2 Recv Date: 2011-12-15  
TSD Site Recv Date: 2011-12-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 002787467SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2011-04-07  
Trans1 Recv Date: 2011-04-07  
Trans2 Recv Date: 2011-04-15  
TSD Site Recv Date: 2011-04-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003582449FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2011-01-17  
Trans1 Recv Date: 2011-01-17  
Trans2 Recv Date: 2011-01-24  
TSD Site Recv Date: 2011-01-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003646339FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2011-06-24  
Trans1 Recv Date: 2011-06-24  
Trans2 Recv Date: 2011-07-06  
TSD Site Recv Date: 2011-07-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004254184FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: NJD071629976  
Generator Ship Date: 2011-09-12  
Trans1 Recv Date: 2011-09-12  
Trans2 Recv Date: 2011-09-19  
TSD Site Recv Date: 2011-09-20

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004326412FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: NJA0938316  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900703  
Trans1 Recv Date: 900703  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900703  
Part A Recv Date: 900806  
Part B Recv Date: 900717  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD156163438  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F001 - UNKNOWN  
Quantity: 00050  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0009895  
Manifest Status: Completed copy  
Trans1 State ID: NY195NJSW  
Trans2 State ID: Not reported  
Generator Ship Date: 850530

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Trans1 Recv Date: 850530  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 850530  
Part A Recv Date: 850617  
Part B Recv Date: 850607  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD048810279  
Trans2 EPA ID: Not reported  
TSD ID: NJD048810279  
Waste Code: F001 - UNKNOWN  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 85

Document ID: NJA0173497  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: JA-195NJD  
Trans2 State ID: NJDEP#S06  
Generator Ship Date: 861113  
Trans1 Recv Date: 861113  
Trans2 Recv Date: 861114  
TSD Site Recv Date: 861114  
Part A Recv Date: 861212  
Part B Recv Date: 861125  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: NJD981138324  
Trans2 EPA ID: NJD981138324  
TSD ID: NJD002454544  
Waste Code: F001 - UNKNOWN  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 86

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: Not reported  
Generator Ship Date: 2010-08-02  
Trans1 Recv Date: 2010-08-02  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2010-08-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2010  
Manifest Tracking Num: 002273687SKS  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: TXR000050930  
Trans2 State ID: Not reported  
Generator Ship Date: 2010-10-27  
Trans1 Recv Date: 2010-10-27  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2010-11-02  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD001236520  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: RID084802842  
Waste Code: Not reported  
Quantity: 5.0  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 1.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 1.0  
Year: 2010  
Manifest Tracking Num: 003655125FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N  
Discr Full Reject Ind: N  
Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H141

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

[Click this hyperlink](#) while viewing on your computer to access  
1 additional NY\_MANIFEST: record(s) in the EDR Site Report.

MANIFEST:

GEN Cert Date: 6/8/2007  
Transporter Recpt Date: 6/8/2007  
Number Of Containers: 1  
Container Type: NONE  
Waste Code1: D039  
Waste Code2: T  
Waste Code3: Not reported  
Comment: gen date approx  
Fee Exempt Code: Not reported  
TSDf Name: SAFETY KLEEN  
TSDf ID: RID084802842  
TSDf Date: 6/8/2007  
Transporter 2 Name: 4/15/2011  
Transporter 2 ID: NJD071629976  
Manifest Docket Number: 003582449FLE  
Waste Description: HAZARDOUS WASTE LIQUID NOS  
Quantity: 5  
WT/Vol Units: G  
Item Number: 1  
Transporter Name: SAFETY KLEEN  
Transporter EPA ID: TXR000050930  
GEN Cert Date: 4/7/2011  
Transporter Recpt Date: 4/7/2011  
Transporter 2 Recpt Date: 4/15/2011  
TSDf Recpt Date: 4/15/2011  
EPA ID: NYD001236520  
Transporter 2 ID: NJD071629976

INST CONTROL:

Site Code: 58389  
Control Name: Landuse Restriction  
HW Code: V00192  
Control Code: 25  
Control Type: INST  
Dt record added: 05/15/2008  
Dt rec updated: 07/13/2009  
Updated By: SMMARTIN  
Site Code: 58389  
Site Description: Location:

The site is located at 107-23 Farragut Rd. in the Canarsie section of Brooklyn, NY, and is known as the former Duralab Equipment Corporation Facility. It is identified on the Kings County Tax Map as Section 24, Block 8156, Lot 1. The 6.6 acre site is bordered on the south by Farragut Rd., on the east by East 108th St., on the north by the Long Island Railroad and on the west by East 105th St.

Site Features: The site contains a parking lot and a 165,000 square foot building that was built in 1971, with an addition constructed in 1986.

Current Zoning: The property is owned by New York City and sublease

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

d by Federal Express through Cargex Corp. The building and parking lot are used by Fed Ex as a shipping facility and major distribution center. The surrounding area is composed of residential, industrial and commercial uses. Institutional controls (deed restrictions) were executed in April 2006 that prohibit residential usage on the property.

Historical Use: From 1971 to 1997 a cabinet manufacturer operated on the site and used trichloroethene as a degreaser.

Site Geology and Hydrogeology: Approximately 10 feet of fill material overlay glacial outwash deposits of fine to medium sand with little silt. These deposits extend to a depth of approximately 175 ft bgs and reportedly become coarser with depth. Bedrock occurs at approximately 400 feet bgs. The groundwater table was encountered at approximately 10 ft bgs in the glacial outwash aquifer. Groundwater flow direction is towards the east-northeast.

Env Problem: Nature and Extent of

Contamination:

The site was contaminated with trichloroethylene (TCE) which was used as a degreaser at the former Duralab facility located on the site. TCE was detected in groundwater in the range of 100 to 240,000 ppb when the site underwent an investigation in 1998.

A Soil Vapor Extraction and Air Sparging (SVE/AS) system was operated for more than two years and remediated a large portion of the groundwater contamination. The system was shut down after the mass of TCE contamination in groundwater was reduced to asymptotic levels. Post remedial groundwater monitoring was performed and indicated that the residual groundwater contamination is not migrating from the site. After five years of monitoring for natural attenuation, residual contamination remains in the groundwater and is being evaluated.

Health Problem: There are no known human exposure pathways for chemicals in the on-site subsurface soil. Although groundwater is contaminated, public water serves the surrounding community. The NYSDOH and NYSDEC will be evaluating the need to conduct additional investigations to determine the potential for soil vapor intrusion into structures on or near the site.

Site Code: 58389

Control Name: Deed Restriction

HW Code: V00192

Control Code: A

Control Type: INST

Dt record added: 05/15/2008

Dt rec updated: 07/13/2009

Updated By: SMMARTIN

Site Code: 58389

Site Description: Location:

The site is located at 107-23 Farragut Rd. in the Canarsie section of Brooklyn, NY, and is known as the former Duralab Equipment Corporation Facility. It is identified on the Kings County Tax Map as Section 24, Block 8156, Lot 1. The 6.6 acre site is bordered on the south by Farragut Rd., on the east by East 108th St., on the north by the Long Island Railroad and on the west by East 105th St.

Site Features: The site contains a parking lot and a 165,000 square

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

foot building that was built in 1971, with an addition constructed in 1986.

Current Zoning: The property is owned by New York City and subleased by Federal Express through Cargex Corp. The building and parking lot are used by Fed Ex as a shipping facility and major distribution center. The surrounding area is composed of residential, industrial and commercial uses. Institutional controls (deed restrictions) were executed in April 2006 that prohibit residential usage on the property.

Historical Use: From 1971 to 1997 a cabinet manufacturer operated on the site and used trichloroethene as a degreaser.

Site Geology and Hydrogeology: Approximately 10 feet of fill materials overlay glacial outwash deposits of fine to medium sand with little silt. These deposits extend to a depth of approximately 175 feet bgs and reportedly become coarser with depth. Bedrock occurs at approximately 400 feet bgs. The groundwater table was encountered at approximately 10 feet bgs in the glacial outwash aquifer. Groundwater flow direction is towards the east-northeast.

Env Problem: Nature and Extent of Contamination:

The site was contaminated with trichloroethylene (TCE) which was used as a degreaser at the former Duralab facility located on the site. TCE was detected in groundwater in the range of 100 to 240,000 ppb when the site underwent an investigation in 1998.

A Soil Vapor Extraction and Air Sparging (SVE/AS) system was operated for more than two years and remediated a large portion of the groundwater contamination. The system was shut down after the mass of TCE contamination in groundwater was reduced to asymptotic levels. Post remedial groundwater monitoring was performed and indicated that the residual groundwater contamination is not migrating from the site. After five years of monitoring for natural attenuation, residual contamination remains in the groundwater and is being evaluated.

Health Problem: There are no known human exposure pathways for chemicals in the on-site subsurface soil. Although groundwater is contaminated, public water serves the surrounding community. The NYSDOH and NYSDEC will be evaluating the need to conduct additional investigations to determine the potential for soil vapor intrusion into structures on or near the site.

VCP:

Program Type: VCP  
Site Code: 58389  
HW Code: V00192  
Site Class: C  
SWIS: 2401  
Region: 2  
Town: New York City  
Acres: 6.600  
Date Record Added: 11/30/2000  
Date Record Updated: 08/02/2011  
Updated By: JHOCONNE  
Site Description: Location: The site is located at 107-23 Farragut Rd. in the Canarsie section of Brooklyn, NY, and is known as the former Duralab Equipment Corporation Facility. It is identified on the Kings County Tax Map as

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEDERAL EXPRESS CORP (Continued)**

**1000148573**

Section 24, Block 8156, Lot 1. The 6.6 acre site is bordered on the south by Farragut Rd., on the east by East 108th St., on the north by the Long Island Railroad and on the west by East 105th St. Site Features: The site contains a parking lot and a 165,000 square foot building that was built in 1971, with an addition constructed in 1986. Current Zoning: The property is owned by New York City and subleased by Federal Express through Cargex Corp. The building and parking lot are used by Fed Ex as a shipping facility and major distribution center. The surrounding area is composed of residential, industrial and commercial uses. Institutional controls (deed restrictions) were executed in April 2006 that prohibit residential usage on the property. Historical Use: From 1971 to 1997 a cabinet manufacturer operated on the site and used trichloroethene as a degreaser. Site Geology and Hydrogeology: Approximately 10 feet of fill materials overlay glacial outwash deposits of fine to medium sand with little silt. These deposits extend to a depth of approximately 175 ft bgs and reportedly become coarser with depth. Bedrock occurs at approximately 400 feet bgs. The groundwater table was encountered at approximately 10 ft bgs in the glacial outwash aquifer. Groundwater flow direction is towards the east-northeast.

Env Problem:

Nature and Extent of Contamination: The site was contaminated with trichloroethylene (TCE) which was used as a degreaser at the former Duralab facility located on the site. TCE was detected in groundwater in the range of 100 to 240,000 ppb when the site underwent an investigation in 1998. A Soil Vapor Extraction and Air Sparging (SVE/AS) system was operated for more than two years and remediated a large portion of the groundwater contamination. The system was shut down after the mass of TCE contamination in groundwater was reduced to asymptotic levels. Post remedial groundwater monitoring was performed and indicated that the residual groundwater contamination is not migrating from the site. After five years of monitoring for natural attenuation, residual contamination remains in the groundwater and is being evaluated.

Health Problem:

There are no known human exposure pathways for chemicals in the on-site subsurface soil. Although groundwater is contaminated, public water serves the surrounding community. The NYSDOH and NYSDEC will be evaluating the need to conduct additional investigations to determine the potential for soil vapor intrusion into structures on or near the site.

CBS:

CBS Number: 2-000081  
Program Type: CBS  
Dec Region: 2  
Expiration Date: N/A  
Facility Status: Administratively Closed  
UTMX: 591898.37581999  
UTMY: 4499483.2274799

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AB117  
SSW  
1/4-1/2  
0.372 mi.  
1963 ft.

**BROOKLYN COLLEGE**  
**OCEAN AVE/AVE H**  
**BROOKLYN, NY**  
**Site 1 of 2 in cluster AB**

**HIST LTANKS**    **S104950964**  
**N/A**

**Relative:**  
**Higher**

HIST LTANKS:

**Actual:**  
**27 ft.**

Region of Spill: 2  
Spill Number: 0012364  
Spill Date: 02/17/2001  
Spill Time: 13:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 02/17/01  
Reported to Department Time: 13:49  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: BROOKLYN COLLEGE  
Spiller Address: OCEAN AV & AVE H  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 02/17/01  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/29/01  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**S104950964**

Tank Size: 25000  
Test Method: Alternate Test per 613.5a2v (PBS Regulations)  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:  
Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 10/29/01 SPILL TRANSFERRED FROM OKOWANA TO ROMMEL SEE SPILL 9905681 and 0107432  
Spill Cause: no spillage no release tank test failure

**AB118**  
**SSW**  
**1/4-1/2**  
**0.372 mi.**  
**1963 ft.**

**BROOKLYN COLLEGE**  
**2900 BEDFORD AV**  
**BROOKLYN, NY**  
**Site 2 of 2 in cluster AB**

**LTANKS** **U001833980**  
**HIST LTANKS** **N/A**  
**HIST UST**  
**NY Spills**  
**NY Hist Spills**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**27 ft.**

Site ID: 92077  
Spill No: 0012364  
Spill Date: 2/17/2001  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/30/2003  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: JMROMMEL  
Referred To: Not reported  
Reported to Dept: 2/17/2001  
CID: 389  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 2/17/2001  
Spill Record Last Update: 11/8/2005  
Spiller Name: Not reported  
Spiller Company: BROOKLYN COLLEGE  
Spiller Address: 2900 BEDFORD AVENUE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 103066  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ROMMEL"10/29/01 SPILL TRANSFERRED FROM OKOWANA TO ROMMELSEE SPILL 9905681 and 0107432  
Remarks: no spillage no release tank test failure

Material:

Site ID: 92077  
Operable Unit ID: 834255  
Operable Unit: 01  
Material ID: 542636  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 92077  
Spill Tank Test: 1526105  
Tank Number: 5  
Tank Size: 25000  
Test Method: 99  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Alternate Test per 613.5a2v

Site ID: 435598  
Spill No: 1002459  
Spill Date: 6/3/2010  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: Not reported  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: BKFALVEY  
Referred To: Not reported  
Reported to Dept: 6/3/2010  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

UST Involvement: False  
Remediation Phase: 1  
Date Entered In Computer: 6/3/2010  
Spill Record Last Update: 10/27/2011  
Spiller Name: STEVE ALLIANO  
Spiller Company: BROOKLYN COLLEGE  
Spiller Address: 2900 BEDFORD AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 999  
Spiller Contact: STEVE ALLIANO  
Spiller Phone: (347) 563-3681  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 103066  
DEC Memo: Sangesland spoke to a series of contractors, subcontractors etc....  
Eventually lead to Laura at Empire Environmental (718-714-6898). She  
said the buried tank was exposed and isolated and retested by the  
tank manufacturer. The tank itself was determined to be OK (but they  
have not yet sent any paperwork yet). Empire is going to redo all of  
the piping associated with this tank and will submit a report to DEC  
outlining the work done and confirm either: "no contamination found  
or contamination was removed"10/27/2011 Sangesland spoke again with  
Laura at Empire. She said the school ran out of money. Temporarily  
abandoned tank in August 2011. She expects the funding for proper  
abandonment to come through in Nov 2011.  
Remarks: more invasive test planned.

Material:  
Site ID: 435598  
Operable Unit ID: 1186353  
Operable Unit: 01  
Material ID: 2181147  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9905681  
Spill Date: 08/11/1999  
Spill Time: 04:30  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/11/99  
Reported to Department Time: 11:24  
SWIS: 61  
Spiller Contact: JOHN O'DONNELL  
Spiller Phone: (718) 434-6775  
Spiller Extention: Not reported  
Spiller Name: BROOKLYN COLLEGE  
Spiller Address: OCEAN AV & AVE H  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/11/99  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/29/01  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: UNKNOWN PETROLEUM  
Class Type: UNKNOWN PETROLEUM  
Times Material Entry In File: 16414  
CAS Number: Not reported  
Last Date: 19940929

DEC Remarks: SEE SPILLS 0012364 AND 0107432

Spill Cause: CALLER STATES THERE IS A WATER BREAK IN THE AREA AND CALLER DISCOVERED AN UNK  
PETROLEUM FLOATING ON TOP - CALLER STATES THERE IS POSSIBLY SEVERAL ABANDONED  
TANKS ON PROPERTY

HIST UST:

PBS Number: 2-360546  
SPDES Number: Not reported  
Emergency Contact: CAMPUS FACILITIES  
Emergency Telephone: (718) 951-5885  
Operator: KEVIN DICKENS  
Operator Telephone: (718) 951-4276  
Owner Name: DORMITORY AUTHORITY OF THE STATE OF NEW YORK  
Owner Address: 515 BROADWAY  
Owner City,St,Zip: ALBANY, NY 12207  
Owner Telephone: (718) 475-3000  
Owner Type: State Government  
Owner Subtype: None  
Mailing Name: BROOKLYN COLLEGE CUNY  
Mailing Address: 2900 BEDFORD AVENUE  
Mailing Address 2: JAMES HALL ROOM 5608  
Mailing City,St,Zip: BROOKLYN, NY 11210  
Mailing Contact: STEVE CZIRAK, AVP FACILS.  
Mailing Telephone: (718) 951-5504  
Owner Mark: First Owner  
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is  
greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist  
or not at the facility.  
Facility Addr2: 2900 BEDFORD AVENUE  
SWIS ID: 6101  
Old PBS Number: Not reported  
Facility Type: SCHOOL  
Inspected Date: Not reported  
Inspector: Not reported  
Inspection Result: Not reported  
Federal ID: Not reported  
Certification Flag: False  
Certification Date: 09/21/2001  
Expiration Date: 02/11/2002  
Renew Flag: False  
Renewal Date: 20011030  
Total Capacity: 77000  
FAMT: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Facility Screen: No Missing Data  
Owner Screen: Minor Data Missing  
Tank Screen: No Missing Data  
Dead Letter: False  
CBS Number: Not reported  
Town or City: NEW YORK CITY  
County Code: 61  
Town or City: 01  
Region: 2

Tank Id: 001  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: 19351201  
Capacity (gals): 25000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 12/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 002  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: Not reported  
Capacity (gals): 25000  
Product Stored: Not reported  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Not reported  
Leak Detection: Not reported  
Overfill Prot: Not reported  
Dispenser: Not reported  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Major Data Missing (which is on the certificate)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Date Closed: 12/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 003  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: 19351201  
Capacity (gals): 25000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Aboveground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 12/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 004  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: Closed-In Place  
Install Date: 19651201  
Capacity (gals): 45000  
Product Stored: NOS 5 OR 6 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 11/01/1994  
Test Method: Not reported  
Deleted: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Updated: True  
Lat/long: Not reported

Tank Id: 005  
Tank Location: UNDERGROUND  
Tank Status: Temporarily Out Of Service  
Install Date: 19811201  
Capacity (gals): 25000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Impressed Current  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: Wrapped (Piping)  
Second Containment: None  
Leak Detection: In-tank System  
Overfill Prot: High Level Alarm, Catch Basin  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 12/01/1996  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 006  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 19811201  
Capacity (gals): 25000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Impressed Current  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: Wrapped (Piping)  
Second Containment: None  
Leak Detection: In-tank System  
Overfill Prot: High Level Alarm, Catch Basin  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 12/01/1996  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Tank Id: 007  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 19811201  
Capacity (gals): 25000  
Product Stored: NOS 1,2, OR 4 FUEL OIL  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: Impressed Current  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: Wrapped (Piping)  
Second Containment: None  
Leak Detection: In-tank System  
Overfill Prot: High Level Alarm, Catch Basin  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: 12/01/1996  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 008  
Tank Location: UNDERGROUND  
Tank Status: Closed-Removed  
Install Date: 19351201  
Capacity (gals): 550  
Product Stored: UNLEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: None  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 04/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 009  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: Closed-Removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Install Date: 19831201  
Capacity (gals): 1000  
Product Stored: UNLEADED GASOLINE  
Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 04/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 009  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: 19831201  
Capacity (gals): 1100  
Product Stored: EMPTY  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 04/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 010  
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS  
Tank Status: Closed-Removed  
Install Date: 19831201  
Capacity (gals): 1000  
Product Stored: UNLEADED GASOLINE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Tank Type: Steel/carbon steel  
Tank Internal: Not reported  
Tank External: Not reported  
Pipe Location: Not reported  
Pipe Type: STEEL/IRON  
Pipe Internal: Not reported  
Pipe External: Not reported  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: Product Level Gauge  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: Minor Data Missing  
Date Closed: 04/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: 010  
Tank Location: UNDERGROUND  
Tank Status: Closed-In Place  
Install Date: 19831201  
Capacity (gals): 1100  
Product Stored: EMPTY  
Tank Type: Steel/carbon steel  
Tank Internal: None  
Tank External: None  
Pipe Location: Underground  
Pipe Type: STEEL/IRON  
Pipe Internal: None  
Pipe External: None  
Second Containment: Diking  
Leak Detection: None  
Overfill Prot: None  
Dispenser: Suction  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: 04/01/1994  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: DIESEL1  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 19960201  
Capacity (gals): 1000  
Product Stored: DIESEL  
Tank Type: Fiberglass reinforced plastic [FRP]  
Tank Internal: Fiberglass Liner (FRP)  
Tank External: Fiberglass

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Pipe Location: Underground  
Pipe Type: STAINLESS STEEL ALLOY  
Pipe Internal: Fiberglass Liner (FRP)  
Pipe External: 45  
Second Containment: Vault (w/access)  
Leak Detection: 14  
Overfill Prot: High Level Alarm, Product Level Gauge  
Dispenser: Submersible  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

Tank Id: GAS 1  
Tank Location: UNDERGROUND  
Tank Status: In Service  
Install Date: 19960201  
Capacity (gals): 1000  
Product Stored: UNLEADED GASOLINE  
Tank Type: Fiberglass reinforced plastic [FRP]  
Tank Internal: Fiberglass Liner (FRP)  
Tank External: Fiberglass  
Pipe Location: Underground  
Pipe Type: STAINLESS STEEL ALLOY  
Pipe Internal: Fiberglass Liner (FRP)  
Pipe External: 45  
Second Containment: Vault (w/access)  
Leak Detection: 14  
Overfill Prot: High Level Alarm, Automatic Shut-Off  
Dispenser: Submersible  
Date Tested: Not reported  
Next Test Date: Not reported  
Missing Data for Tank: No Missing Data  
Date Closed: Not reported  
Test Method: Not reported  
Deleted: False  
Updated: True  
Lat/long: Not reported

**SPILLS:**

Facility ID: 9905681  
DER Facility ID: 103066  
Facility Type: ER  
Site ID: 118604  
DEC Region: 2  
Spill Number: 9905681  
Spill Date: 8/11/1999  
Spill Cause: Unknown  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: Not Closed  
SWIS: 2401

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Investigator: axdorono  
Referred To: STATUS REPORT IS DUE  
Reported to Dept: 8/11/1999  
CID: 211  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 5  
Date Entered In Computer: 8/11/1999  
Spill Record Last Update: 7/11/2012  
Spiller Name: Not reported  
Spiller Company: BROOKLYN COLLEGE  
Spiller Address: OCEAN AV & AVE H  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Company: 001  
Contact Name: JOHN O'DONNELL  
Contact Phone: (718) 434-6775  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"SEE SPILLS 0012364 AND 01074324/11/03Remedial Action Plan prepared by GZA Envmtl proposing groundwater and oil recovery from wells 1, 2 and 3 - water treatment through carbon and discharge to combined sewer. Product and water recovered with pneumatic pumps through oil water separator and holding tank. Approved by DEC. jmr05/05/04transferred from Rommel to Krimgold. Rommel09/10/04Received call from Fran Schultz GZA at 973-256-7800 who will be submitting a letter proposing IRM. She will address letter to Krimgold. Rommel12/22/04. In the letter dated March 11, 2004. GZA informed that a pilot test will be performed on March 27, 2004. Called Fran Schults and left a message. Krimgold.10/21/5. J.Krimgold spoke to Stephen Kline (GZA). He stated that his co. is no longer involved into this project. CUNY (RP) contact person Esther Hundley @ 212-541-0430.10/31/05: Transferred from Krimgold to Kraszewski.02/15/2007: This spill case was transferred to Ainura Doronova.- AD.Last report we received from GZA was Investigation Summary and Remedial Action Plan dated November 22, 2002.Spoke with Ester Hundley (CUNY), she told me that they hired new env. consulting company,(O'Brien & Gere) which is now performing some work on the site. E. Hundley promised to submit all missing reports as soon as possible. AD03/02/2007: Received an e-mail from E. Hundley with attached Summary of Alternative Remedial Options dated December 27, 2006 by O'Brien & Gere (OBG). It states that they installed two additional 4" MW on April 2006 to further define NAPL plume geometry.Obtained thickness measurements in May and August 2006 indicated significant decrease of LNAPL from 1.5' in MW-1 to 0.28' and from 0.8' in MW-2 and MW-3 to less than 0.1' in both wells. LNAPL recharge tests were also conducted in May and August 2006. Based on the recent LNAPL thickness measurement and slightly smaller plume boundary, O'Brien & Gere estimates that the LNAPL plume covers approx. 6,500 sq. ft. of water table. In summary they recommend a remedial measure consisting of a belt skimmer in MW-1 and absorbing padding in downgradient wells. This summary is internal document "client-company" and does not include all necessary figures and

MAP FINDINGS

**BROOKLYN COLLEGE (Continued)**

**U001833980**

tables(only 6 pages). Left a message to Mark Randazzo (project associate of O'Brien & Gere) phone:(732)225-7380, ext. 231. AD03/12/07: This cons. company (OBG) does not work by direct contact with DER, as E. Hundley told me later in following phone conversation and asked to contact only her further on. I explained to her that DEC requires submittal of all necessary reports from OBG regarding job they have done at this site. She sent me by email another internal document dated October 2005. AD03/16/07: Spoke with E. Hundley regarding missing reports. She asked to arrange a meeting with DER on the next week. Asked J. Kolleeny regarding possible meeting and available time. AD03/19/07: Scheduled the meeting for Wednesday March 21, at 10:00 am. AD03/21/07: Attended the meeting with CUNY and O'Brien & Gere. Jon Kolleeny and V. Brevdo attended this meeting too. We have reviewed their remedial proposal plan. The decision was that this RPP does not appropriate address site contamination and propose only bare minimum of the required job. Jon requested a submittal of brief investigation work plan to better delineate soil and GW contamination in 2 weeks. This work plan should include installation of additional GW monitoring wells, GW and soil sampling rounds and also pilot study test of the effectiveness of the belt skimmer as a remedial option for LNAPL removal. AD04/05/2007: Reviewed "Supplemental Site Characterization and LNAPL Removal Pilot Study Work Plan" submitted by O'Brien & Gere on April 4, 2007. It consist of the following activities:-Ground penetrating radar survey;-Groundwater monitoring well installation;-Groundwater sampling and analysis;-Site survey to include the horizontal and vertical location of newly installed MWs;-LNAPL thickness measurements and recovery testing.They propose to install 2 additional monitoring wells to better define plum thickness and geometry. One monitoring well (MW-10)will be installed between existing wells MW-1 and MW-9 and another (MW-11) between tanks No2 and No3. In addition to site characterization activities, they will conduct pilot study test of LNAPL recovery by using belt skimmer to assess the effectiveness of this remedial option. OBG plans to perform such pilot test for a 6-month period. At the end of 6-month period, a summary report of the effectiveness of this remedial method including GW flow direction and current dimensions of LNAPL plume will be submitted to DEC. AD04/06/2007: Sent a letter to E. Hundley (cc to JK, M. Randazzo of OBG; file) approving their Work Plan with following modifications:-In addition to proposed GW sampling and analysis also analyze soil samples with highest PID readings and soil samples taken on the soil and groundwater interface for VOCs and SVOCs.-Perform LNAPL recovery pilot study of using belt skimmer for a 2-month period instead of the proposed 6-month period, followed by submittal of the Summary Report with detailed remedial proposal. AD04/13/2007: Received an email from Esther Hundley of CUNY with request to approve start date of their investigation work (IW), scheduled on the week of April 23, 2007. Sent an email with start date approval. AD04/20/2007: Received an email from E. Hundley. She wrote, what due some scheduling conflicts the start date of IW at the site is postponed till May 7, 2007. Sent an email saying that postponing start date in not a problem, as long as they scheduled new date and will do the work. AD05/21/2007: Received email from E. Hundley. They installed two GW monitoring wells and collected soil and groundwater samples. Awaiting analytical results of sampling. They plan to install belt skimmer around June 5. AD05/29/2007: Spoke with J. Kolleeny regarding the site visit. Sent an email to E.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Hundley and asked to provide exact date of the skimmer installation in order to schedule the visit. AD06/05/2007: Received an email from Ms. Hundley saying that installation of the belt skimmer scheduled on June 6.06/06/2007: J. Kolleeny and I visited Brooklyn College site. Ms. Hundley and M. Randazzo met us at the site. We checked two newly installed monitoring wells (MW-10 and MW-11). M. Randazzo said that free product was found in the following wells: MW-10 had 0.02ft; MW-11 had 0.15ft; MW-3 had 0.33ft; MW-8 had 0.2ft; OW-2 had 0.4ft. He also told us that during new wells installation soil at the water table was oily. Around 11:00 AM they proceeded to belt skimmer installation on the monitoring well MW-01, which now will serve as a recovery well. Belt skimmer and 30 gallon drum are housed in plastic booth mounted on top of the well. Because of the time limit and some technical difficulties with the skimmer installation we could not stay to observe skimmer's performance. We advise consultant to inform us on the skimmer installation and performance via phone or email and reminded about submittal of the analytical results and summary report. Later that day we received call from M. Randazzo, he told that installation went successfully and free product was recovering from the well (MW-01). AD06/18/2007: Received a conference call from E. Hundley and M. Randazzo regarding submittal of analytical results obtained during installation of new wells. It was agreed that they will submit analytical now and summary report - sometime in September. AD06/19/2007: Received by email analyticals from new wells installation. Downloaded them in E-Docs. AD10/09/2007: Received Supplemental Site Characterization and LNAPL Removal Pilot Study Report. Will review. AD11/01/2007: Reviewed the report.01/2008: Spoke with E. Handley of CUNY. Told her that according to the results of the pilot test, the application of the belt skimmer is insufficient and will take more that a decade to recover the minimum volume of spilled oil. Asked her to prepare a new remedial action plan with more aggressive methods of remediation. Suggested to consider thermal methods of in situ remediation. Ms. Hundley will talk to their consultants and will get back to us. AD01/22/2008: Sent a letter with a request for more aggressive RAP. (cc: J. Kolleeny-DEC; M. Randazzo-OBG; file). AD05/15/2008: Received a call from Ms. Hundley. She would like to schedule a meeting with DEC regarding site's remediation. Scheduled the meeting for June 2, 2008. AD06/02/2008: J. Kolleeny and I met with CUNY and OBG representatives. They proposed to install more recovery wells with absorbent socks to increase oil recovery. More drastic remedial actions were discussed. It included steam injections, application of surfactant and installation of thermal resistors. OBG argued use of steam and surfactants as possibly increasing the area of the uncontrollable plum. OBG said that they might consider to use thermal resistants in recovery wells together with absorbent socks. In the end we agreed, that OBG will submit the RAWP with calculations of efficiency for each of the discussed remedial methods with conclusions and recommendations. The work plan will be submitted till the end of June. AD 07/07/2008: Received an electronic copy of the requested work plan. Will review. Downloaded to eDocs. ADReviewed the work plan. OBG insist on their previous proposal for installation of more wells and continuing to use belt skimmer. In the report they give brief analysis of alternative remedial methods such as: Active and passive recovery with localized thermal; Total fluid recovery; Total fluid recovery with thermal; Total fluid recovery with surfactants. All alternative methods were rejected by the consultant due to their high cost or low

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

effectiveness according to OBG report. Spoke with J. Kolleeny regarding this plan's proposal. Called and spoke with Ms. Hundley of CUNY. Asked her to submit an overview of Thermal resistors method, as we requested at the meeting, and also submit calculations of the effectiveness of the proposed remedial measure in terms of time of the project and amount of recovered product. AD07/29/2008: Received an email from E. Hundley saying:"Ms. Doronova,I apologize for the delay in getting this information to you--I was ill for one week. Below find responses to your latest inquiries regarding the Brooklyn skimmer Project.Let me know if you'd like to schedule a meeting to discuss these issues.Esther HundleySafety Officer/Energy SpecialistCUNY Facilities Planning Construction Management555 West 57th Street, 10th FloorNew York, New York 10019Phone (212) 541-0430Fax (212)541-0478----- Forwarded by Esther Hundley/CENTRALOFFICE/CUNY on 07/29/2008 08:38 AM -----"Mark Randazzo" 07/22/2008 04:51 PMTo cc"Guy Swenson" Subject Re: Brooklyn Skimmer ProjectEsther,Here is our response to NYSDEC's request:1. The thermoresistance option is very similar to the Total Fluids with Thermal option we developed. Pros and cons would be the same.2. We really prefer not to do a calculation, because it is so subjective but rather implement our recommended recovery option and see how it goes over a years time.3. Same issue concerning the additional belt skimmer lets get it installed and see how it goes.Lets talk when you get a moment.Thanks,Mark A. Randazzo, CHMM, CPGProject AssociateO'Brien & Gere 22 Saw Mill River Road/First FloorHawthorne, NY 10532(914) 345-1611 FAX(914) 345-1616, ext. 13(781) 883-6432 Cellemail: randazma@obg.com www.obg.com >>> 07/22/08 2:36 PM >>>I just received a call from Ms. Doronova regarding the report.She would like additional information on three things:1. She says that during our last meeting, there was a discussion regarding a thermoresistance option. She would like an addendum which discusses the pros and cons of thisoption.2. She would like a calculation demonstrating the the estimated recovery time for the minimal amount of the plume given OBG's preferred method of remediating the spill.3. She would like to know the impact of one additional skimmer.Please give me a call.ALSO,It seem that Stu, Jane and Howard have a meeting with Atty. Conlon on August 11, 2008 at the DEC's L.I.C. office.Esther HundleySafety Officer/Energy SpecialistCUNY Facilities Planning Construction Management555 West 57th Street, 10th FloorNew York, New York 10019Phone (212) 541-0430Fax (212)541-0478"08/14/2008: Discussed this site and different remedial approaches with J. Kolleeny and M. Tibbe of DER. Will schedule another meeting with CUNY and OBG. AD09/03/2008 and 09/04/2008: Called and left a messages to E. Hundley regarding a meeting. No response. AD09/05/2008 and 09/08/2008: Called and left a messages. Sent an email to E. Hundley. Received a phone call from her. Scheduled the meeting for Friday, September 12, 2008. 09/12/2008: Attended the meeting. Discussed the proposed by CUNY and OBG passive method of free product recovery (ORC socks installation). Suggested to do more active remediation including steam injections, which OBG argued as more coast consuming and mildly effective. In the end, DEC requested to perform pour point test of the free product, collected from the site and to prepare and submit calculations of the plum area, recoverable amount of the product and time it will take depending on the different remedial approaches.09/25/2008: Received an email from Ms. Hundley of CUNY saying:"Ms. Doronova,Per the meeting of September 12, 2008 to discuss the abovecaptioned topic with NYSDEC, CUNY and O'Brien and Gere (OBG) participants:Jonathan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Kolleeny, NYSDEC's Engineering Geologist II and Mark Tibbe, Environmental Program Specialist 2 asked that OBG:1. Perform an ASTM Pour Test to determine measures.2. Apply those measures to calculations and scenarios provided in the Reassessment of LNAPL Recovery Options report dated July 3, 2008.3. Provide a time frame for performing such a study.CUNY/OBG asked for some time to evaluate the request and delineate all tasks associated with such an effort in order to identify a realistic time frame.(Please note that the City University of New York has struck and will continue to strike that delicate balance necessary to both comply with NYSDEC regulations governing spill remediation and maintain HVAC activities critical to operating the expanding campus that is Brooklyn College.)I summarize our findings:Mark Randazzo, CHHM, CPG (OBG) and Guy Swenson, Senior Technical Associate, CPG (OBG), advise that performance of such a test and the subsequent study could be completed in a few weeks--perhaps, by October 27, 2008. This date depends upon CUNY funding this project and notifying OBG to commence performance. OBG also provided an estimated cost for this project Unfortunately, the key rate limiting step in this time estimate timeframe is the turnaround time for the laboratory analysis. That turnaround time factor is not in our control.As you know, CUNY is a state-chartered corporation funded, as is the NYSDEC, by the State of New York. NYSDEC understands the funding process required to be completed before state funds are committed to any projects. the time it takes CUNY to follow that process must be included in any estimate. CUNY must obtain adequate funding to perform the tasks specified by NYSDEC before it may lawfully direct OBG to perform a POUR Test Study.If you wish us to proceed with this study, please so indicate.Esther HundleySafety Officer/Energy SpecialistCUNY Facilities Planning Construction Management"Send her email with indication to proceed with the pour point test. AD11/20/2008: Received an email from Ms. Hundley saying:"Ms. Doronova:Attached find the Viscosity Study of the abovecaptioned release as performed by O'Brien & Gere (OBG) personnel.It is our contention that the study's findings support the consultant's (OBG) course of action in remediating this spill.Please review and advise me of your assessment.thank you for your cooperation.Esther HundleySafety Officer/Energy SpecialistCUNY Facilities Planning Construction Management"DL report to eDocs. Will review. Later received a PDF copy of August Groundwater Monitoring report. DL to eDocs. Will review. AD03/2009: Reviewed the report. It states that on August 28, 2008, one round of ground water samples was collected from 5 wells: OW-1, MW-4, MW-5, MW-6 and MW-8. Prior to sampling, ground water and LNAPL thickness measurements were collected. LNAPL was detected in well MW-8 with 0.05' of product. Ground water analytical results for VOCs and SVOCs did not indicate the presence of VOCs or SVOCs above laboratory reporting limits or Class GA standards.In July 2008, oil absorbent socks were installed in 7 wells: MW-2, MW-3, MW-8, MW-9, MW-10, MW-11, and OW-2 and a new belt was installed on the belt skimmer positioned in MW-1. Socks were replaced on an approximate weekly basis following installation. LNAPL recovery in wells, where socks were installed, was estimated by measuring the saturated thickness of LNAPL along the sock. Each sock is approximately 36-inches long and holds 0.75 gallons (4-inch diameter wells) of LNAPL when fully saturated. Recovery of LNAPL in MW-1 using the belt skimmer was impaired by debris that had collected in the well in prior months. The belt skimmer system was pulled and the debris removed from the well in September 2008. Following

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

re-installation of the belt skimmer, recovery of LNAPL was successful based on the recovery of 26 gallons over an approximate 3 week period. Prior to the next round of ground water sampling in December 2008, absorbent socks will be removed and the belt skimmer turned off for a two-week period in order to allow the LNAPL thickness around the wells to stabilize and an accurate LNAPL thickness measurement to be collected. Between July 2008 and October 2008, approximately 52.5 gallons of LNAPL was removed from onsite wells with 26 gallons of LNAPL being removed using the belt skimmer installed in MW-1. Based on the data collected during this effort, O'Brien & Gere concludes the following: Ground water samples collected in hydraulically downgradient monitoring wells of the LNAPL plume did not exhibit dissolved phase VOCs and SVOCs that exceeded Class "GA" ground water standards. LNAPL data collected, indicates that the LNAPL plume is horizontally stationary, based on the absence of LNAPL in nearby downgradient wells MW-4, MW-5, and MW-6. AD12/29/2011: Called and left a message to Ms. Hundley of CUNY regarding submission of site status update report. AD01/06/2012: Received a phone call from Ms. Hundley. She will contact their env. consultant regarding the sampling of the wells. AD05/15/2012: Sent an e-mail to Ms. Hundley with a request for site status update report submission. AD07/11/2012: Called and left a message to Ms. Hundley. AD

Remarks:

CALLER STATES THERE IS A WATER BREAK IN THE AREA AND CALLER DISCOVERED AN UNK PETROLEUM FLOATING ON TOP - CALLER STATES THERE IS POSSIBLY SEVERAL ABANDONED TANKS ON PROPERTY

Material:

Site ID: 118604  
Operable Unit ID: 1084196  
Operable Unit: 01  
Material ID: 301973  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Facility ID: 0107432  
DER Facility ID: 103066  
Facility Type: ER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Site ID: 118603  
DEC Region: 2  
Spill Number: 0107432  
Spill Date: 10/18/2001  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Date: 12/30/2003  
SWIS: 2401  
Investigator: JMROMMEL  
Referred To: Not reported  
Reported to Dept: 10/19/2001  
CID: 211  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 10/19/2001  
Spill Record Last Update: 12/30/2003  
Spiller Name: Not reported  
Spiller Company: BROOKLYN COLLEGE  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: STEPHEN KLINE  
Contact Phone: (212) 594-8140  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"ROMMEL"SEE SPILLS 0012364 AND 990568110/29/2001 22CY OF CONTAMINATED  
SOIL REMOVED FROM SITE, CLEANUP TO CONTINUE SOON, PAPERWORK TO  
FOLLOWSITE BEING REMEDIATED UNDER SPILL 9905681  
Remarks: DURING EXCAVATION CONTAMINATED SOIL WAS DISCOVERED  
Material:  
Site ID: 118603  
Operable Unit ID: 844391  
Operable Unit: 01  
Material ID: 532249  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False  
Tank Test:  
Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill: 2  
Spill Number: 0107432  
Investigator: ROMMEL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 10/18/2001 13:00  
Reported to Dept Date/Time: 10/19/01 14:50  
SWIS: 61  
Spiller Name: BROOKLYN COLLEGE  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Contact: STEPHEN KLINE  
Spiller Phone: (212) 594-8140  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 10/19/01  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 10/29/01  
Is Updated: False

Tank:

PBS Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROOKLYN COLLEGE (Continued)**

**U001833980**

Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate Failed Tank: Not reported  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WASTE OIL  
Class Type: WASTE OIL  
Times Material Entry In File: 9509  
CAS Number: Not reported  
Last Date: 19940927

DEC Remarks: SEE SPILLS 0012364 AND 9905681 10/29/2001 22CY OF CONTAMINATED SOIL REMOVED FROM SITE, CLEANUP TO CONTINUE SOON, PAPERWORK TO FOLLOW  
Remark: DURING EXCAVATION CONTAMINATED SOIL WAS DISCOVERED

119  
North  
1/4-1/2  
0.375 mi.  
1978 ft.

**JEHOVAH WITNESS CHURCH**  
**1120 ROGERS AVE**  
**BROOKLYN, NY**

**LTANKS S102673101**  
**HIST LTANKS N/A**

Relative:  
Higher

LTANKS:

Site ID: 156668  
Spill No: 9511040  
Spill Date: 12/2/1995  
Spill Cause: Tank Overfill  
Spill Source: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/4/1995  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: GUTIERREZ  
Referred To: Not reported  
Reported to Dept: 12/2/1995  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/2/1995  
Spill Record Last Update: 12/4/1995  
Spiller Name: VENTURA PASION  
Spiller Company: PETRO ASTORIA  
Spiller Address: 36-16 19TH AVE  
Spiller City,St,Zip: ASTORIA, NY 11105-001  
Spiller County: 001

Actual:  
27 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JEHOVAH WITNESS CHURCH (Continued)**

**S102673101**

Spiller Contact: DOW STEPHANS  
Spiller Phone: (718) 625-3600  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 132561  
DEC Memo: Not reported  
Remarks: OVERFILL OF TANK CAUSED SPILL-HAS BEEN CLEANED UP BY PETROASTORIA

Material:

Site ID: 156668  
Operable Unit ID: 1025377  
Operable Unit: 01  
Material ID: 358393  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1  
Units: Gallons  
Recovered: Yes  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9511040  
Spill Date: 12/02/1995  
Spill Time: 14:30  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/04/95  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: GUTIERREZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JEHOVAH WITNESS CHURCH (Continued)**

**S102673101**

Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 12/02/95  
Reported to Department Time: 15:22  
SWIS: 61  
Spiller Contact: DOW STEPHANS  
Spiller Phone: (718) 625-3600  
Spiller Extension: Not reported  
Spiller Name: PETRO ASTORIA  
Spiller Address: 36-16 19TH AVE  
Spiller City,St,Zip: ASTORIA NY, NY 11105-  
Spiller Cleanup Date: / /  
Facility Contact: VENTURA PASION  
Facility Phone: (718) 545-4500  
Facility Extension: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/02/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 12/04/95  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 1  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: OVERFILL OF TANK CAUSED SPILL-HAS BEEN CLEANED UP BY PETRO ASTORIA

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

120  
 North  
 1/4-1/2  
 0.378 mi.  
 1997 ft.

324 E. 29TH ST  
 BROOKLYN, NY

LTANKS S105995824  
 N/A

Relative:  
 Higher

LTANKS:

Actual:  
 28 ft.

Site ID: 137341  
 Spill No: 0201366  
 Spill Date: 5/7/2002  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
 Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 3/23/2004  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: CESAWYER  
 Referred To: Not reported  
 Reported to Dept: 5/7/2002  
 CID: 396  
 Water Affected: Not reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 5/7/2002  
 Spill Record Last Update: 3/23/2004  
 Spiller Name: Not reported  
 Spiller Company: BORO FUEL OIL  
 Spiller Address: 2 CHURCH AVE  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: BILL CLOCKER  
 Spiller Phone: (718) 854-7500  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 117502  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER" 1/5/04-Vought-Spill transferred from Vought to Austin.01/27/04 - Sawyer - Spill transferred from Austin to Sawyer.3/23/04 - Sawyer - Minor spill clean up performed by Tri-State Environmental, samples and analysis came back under TAGM 4046. Closed.  
 Not reported  
 Remarks: they are begining clean up at this time.

Material:

Site ID: 137341  
 Operable Unit ID: 852336  
 Operable Unit: 01  
 Material ID: 522782  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 5

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S105995824**

Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:  
 Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

**121**  
**West**  
**1/4-1/2**  
**0.395 mi.**  
**2083 ft.**

**1045-1051 OCEAN AVE**  
**BROOKLYN, NY**

**LTANKS** **S104620085**  
**HIST LTANKS** **N/A**

**Relative:**  
**Higher**

LTANKS:  
 Site ID: 268513  
 Spill No: 9815568  
 Spill Date: 3/31/1999  
 Spill Cause: Tank Test Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 5/11/1999  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: SMSANGES  
 Referred To: Not reported  
 Reported to Dept: 3/31/1999  
 CID: 205  
 Water Affected: Not reported  
 Spill Notifier: Responsible Party  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 3/31/1999  
 Spill Record Last Update: 2/26/2003  
 Spiller Name: Not reported  
 Spiller Company: FULOP RES  
 Spiller Address: 1045-1051 OCEAN AVE  
 Spiller City,St,Zip: BROOKLYN, NY  
 Spiller County: 001  
 Spiller Contact: CALLER  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported

**Actual:**  
**28 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620085

DEC Region: 2  
DER Facility ID: 218739  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND" Tank repaired, retested & passed Loose vent pipe, hole on top of tank ABC Tanks did repairs.  
Remarks: TANK FAILED TEST.

Material:  
Site ID: 268513  
Operable Unit ID: 1073569  
Operable Unit: 01  
Material ID: 308674  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 268513  
Spill Tank Test: 1547007  
Tank Number: 1  
Tank Size: 3000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

HIST LTANKS:  
Region of Spill: 2  
Spill Number: 9815568  
Spill Date: 03/31/1999  
Spill Time: 14:55  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: SANGESLAND  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620085

Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 03/31/99  
Reported to Department Time: 14:55  
SWIS: 61  
Spiller Contact: CALLER  
Spiller Phone: ( ) -  
Spiller Extension: Not reported  
Spiller Name: FULOP RES  
Spiller Address: 1045-1051 OCEAN AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 261-1919  
Facility Extension: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/31/99  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 04/01/99  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: 1  
Tank Size: 3000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: TANK FAILED TEST.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

122  
 SW  
 1/4-1/2  
 0.395 mi.  
 2085 ft.

**810 EAST 220TH STREET/ BR  
 810 EAST 220TH STREET  
 NEW YORK CITY, NY**

**LTANKS S100144742  
 HIST LTANKS N/A**

**Relative:  
 Higher**

**LTANKS:**

**Actual:  
 24 ft.**

Site ID: 274454  
 Spill No: 8703618  
 Spill Date: 8/3/1987  
 Spill Cause: Tank Test Failure  
 Spill Source: Institutional, Educational, Gov., Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 3/3/2003  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 0301  
 Investigator: ADMIN. CLOSED  
 Referred To: Not reported  
 Reported to Dept: 8/3/1987  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Tank Tester  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 8/20/1987  
 Spill Record Last Update: 3/19/2003  
 Spiller Name: Not reported  
 Spiller Company: SAINT VALENTINE CHURCH  
 Spiller Address: 810 EAST 220TH STREET  
 Spiller City,St,Zip: BRONX, NY  
 Spiller County: 001  
 Spiller Contact: Not reported  
 Spiller Phone: Not reported  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 223237  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ADMIN.CLOSED" // : Will Re-Test This Week. 10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: -11.444 Per/Hr. 03/03/2003- Closed Due To The Nature / Extent Of The Spill Report  
 Remarks: BELIEVES LEAK IN LINE - COULDN'T HOLD PRODUCT IN FILL LINE.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

**Material:**

Site ID: 274454  
 Operable Unit ID: 910245  
 Operable Unit: 01  
 Material ID: 469843  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: -1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**810 EAST 220TH STREET/ BR (Continued)**

**S100144742**

Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 274454  
Spill Tank Test: 1531262  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2  
Spill Number: 8703618  
Spill Date: 08/03/1987  
Spill Time: 11:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: BATTISTA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/03/87  
Reported to Department Time: 13:20  
SWIS: 60  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: SAINT VALENTINE CHURCH  
Spiller Address: 810 EAST 220TH STREET  
Spiller City,St,Zip: BRONX, NEW YORK .  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 2-062308

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**810 EAST 220TH STREET/ BR (Continued)**

**S100144742**

Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/20/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/24/92  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : WILL RE-TEST THIS WEEK. 10/10/95: This is additional information about material spilled from the translation of the old spill file: -11.444 PER/HR.  
Spill Cause: BELIEVES LEAK IN LINE - COULDN T HOLD PRODUCT IN FILL LINE.

AC123  
SSE  
1/4-1/2  
0.401 mi.  
2115 ft.

**ONE STOP PHOTO  
1583 FLATBUSH AVE  
BROOKLYN, NY**

**Site 1 of 3 in cluster AC**

**LTANKS S103484902  
HIST LTANKS N/A**

**Relative:  
Higher**

**LTANKS:**

Site ID: 296258  
Spill No: 9808072  
Spill Date: 10/1/1998  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 10/27/2003  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: RWAUSTIN  
Referred To: Not reported

**Actual:  
27 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP PHOTO (Continued)**

**S103484902**

Reported to Dept: 10/1/1998  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/1/1998  
Spill Record Last Update: 10/27/2003  
Spiller Name: Not reported  
Spiller Company: MARINE PARK FUEL COMPANY  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: STEVE PASCALE  
Spiller Phone: (718) 258-2910  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 239734  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"10/01/99 mmm: 13:30 HOURS. OIL EVIDENCE AND FRESH SPEEDI DRY BY FILL PIPE AND VENT PIPE IN REAR OF PHOTO SHOP AT 1583 FLATBUSH (EAST 31ST STREET). OIL STAINING ON WALL NEXT TO FILL AND VENT. OIL ODOR IN STORE, PTC ON SITE. STORE HAS 2 x 275 ASTS WITH 2" FILL PIPE, 1.5" VENT PIPE, 2" CROSSOVER ON TOP OF TANK, 1/2" MANIFOLD ON BOTTOM OF TANKS. TANKS IN FAIR CONDITION. STAINING OBSERVED ON TOP OF TANKS. STRONG FUEL OIL ODOR IN STORE. FRESH FUEL OIL ALL OVER BASEMENT FLOOR. MANIFOLD AT BOTTOM OF TANKS BECAME DIVORCED FROM TANK DURING DELIVERY, MOST LIKELY DUE TO PRESSURIZATION DUE TO OVERFILL, CAUSING TANKS TO SHIFT. SWEET CLAIMS (ALEX) ON SITE TO OVERSEE CLEANUP. TOLD ALEX THAT DEC IS HOLDING MARINE PARK FUEL RESPONSIBLE FOR DISCHARGE AND TO WORK WITH PROPERTY OWNER FOR DAMAGED INVENTORY (PHOTOGRAPHIC PAPER, ETC).ACCORDING TO ONE STOP PHOTO OWNER, STEVE PASCHAL, EMPLOYEE NOTIFIED HIM OF CHEMICAL ODOR COMING FROM BASEMENT. OWNER WENT TO STORE AND AND SAW OIL COMPANY EMPLOYEES CLEANING UP AROUND THE FILL PIPE FOR HIS TANKS. HE WENT TO CHECK BASEMENT AND FOUND OIL ALL OVER THE FLOOR. OWNER STATED THAT HE DID NOT CALL FOR DELIVERY AND THAT THE OIL COMPANY HAS HIM ON SCHEDULED DELIVERIES, BASED UPON WEATHER, ETC. OWNER STATED THAT HE DID NOT HAVE ANY IDEA OF HOW MUCH OIL WAS IN TANKS BEFORE DELIVERY.14:00 PTC VAC TRUCK ARRIVES. REMOVED 175 GALLONS OF OIL FROM BASEMENT FLOOR. TOLD OWNER THAT THE TANKS WERE NOT IN THE BEST OF SHAPE AND SHOULD PROBABLY BE REPLACED, SINCE THEY WERE OLD AND PRESSURIZED FROM MARINE PARK FUEL OVERFILLING THE TANKS.3/3/99 SITE INSPECTION FOR CLOSURE - LEFT MESSAGE FOR PROPERTY OWNER. CALL FROM STEVE PASCHAL, STATING THAT SWEET CLAIMS IS FILING CLAIM AGAINST HIS INSURANCE FOR DISCHARGE. SPILL TO REMAIN OPEN UNTIL FINAL RESOLUTION FOR INVENTORY DAMAGE IS MADE.10/27/2003 - AUSTIN - NO FURTHER INFO, AND SPILL WAS CLEANED UP - CLOSED - ORIG. ASSIGNED TO MULQUEEN - END  
Remarks: TWO (275) GALLON TANKS IN BASEMENT-ONE TANK COULD BE SHUT OFF THE OTHER HAS EMPTIED OUT ONTO BASEMENT FLOOR-SWEET KLEEN CO IS ONTHE WAY FOR CLEANUP  
Material:  
Site ID: 296258  
Operable Unit ID: 1065646

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP PHOTO (Continued)**

**S103484902**

Operable Unit: 01  
Material ID: 315604  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 400  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 9808072  
Spill Date: 10/01/1998  
Spill Time: 10:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: MULQUEEN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/01/98  
Reported to Department Time: 10:52  
SWIS: 61  
Spiller Contact: STEVE PASCALE  
Spiller Phone: (718) 258-2910  
Spiller Extention: Not reported  
Spiller Name: MARINE PARK FUEL COMPANY  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ONE STOP PHOTO (Continued)

S103484902

Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: ( ) -  
Facility Extension: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/01/98  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/03/99  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 400  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207

DEC Remarks: 10/01/99 mmm: 13:30 HOURS. OIL EVIDENCE AND FRESH SPEEDI DRY BY FILL PIPE AND VENT PIPE IN REAR OF PHOTO SHOP AT 1583 FLATBUSH EAST 31ST STREET). OIL STAINING ON WALL NEXT TO FILL AND VENT. OIL ODOR IN STORE, PTC ON SITE. STORE HAS 2 x 275 ASTS WITH 2 FILL PIPE, 1.5 VENT PIPE, 2 CROSSOVER ON TOP OF TANK, 1/2 MANIFOLD ON BOTTOM OF TANKS. TANKS IN FAIR CONDITION. STAINING OBSERVED ON TOP OF TANKS. STRONG FUEL OIL ODOR IN STORE. FRESH FUEL OIL ALL OVER BASEMENT FLOOR. MANIFOLD AT BOTTOM OF TANKS BECAME DIVORCED FROM TANK DURING DELIVERY, MOST LIKELY DUE TO PRESSURIZATION DUE TO OVERFILL, CAUSING TANKS TO SHIFT. SWEET CLAIMS ALEX) ON SITE TO OVERSEE CLEANUP. TOLD ALEX THAT DEC IS HOLDING MARINE PARK FUEL RESPONSIBLE FOR DISCHARGE AND TO WORK WITH PROPERTY OWNER FOR DAMAGED INVENTORY PHOTOGRAPHIC PAPER, ETC). ACCORDING TO ONE STOP PHOTO OWNER, STEVE PASCHAL, EMPLOYEE NOTIFIED HIM OF CHEMICAL ODOR COMING FROM BASEMENT. OWNER WENT TO STORE AND AND SAW OIL COMPANY EMPLOYEES CLEANING UP AROUND THE FILL PIPE FOR HIS TANKS. HE WENT TO CHECK BASEMENT AND FOUND OIL ALL OVER THE FLOOR. OWNER STATED THAT HE DID NOT CALL FOR DELIVERY AND THAT THE OIL COMPANY HAS HIM ON SCHEDULED DELIVERIES, BASED UPON WEATHER, ETC. OWNER STATED THAT HE DID NOT HAVE ANY IDEA OF HOW MUCH OIL WAS IN TANKS BEFORE DELIVERY. 14:00 PTC VAC TRUCK ARRIVES. REMOVED 175 GALLONS OF OIL FROM BASEMENT FLOOR. TOLD OWNER THAT THE TANKS WERE NOT IN THE BEST OF SHAPE AND

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ONE STOP PHOTO (Continued)**

**S103484902**

SHOULD PROBABLY BE REPLACED, SINCE THEY WERE OLD AND PRESSURIZED FROM MARINE PARK FUEL OVERFILLING THE TANKS. 3/3/99 SITE INSPECTION FOR CLOSURE - LEFT MESSAGE FOR PROPERTY OWNER. CALL FROM STEVE PASCHAL, STATING THAT SWEET CLAIMS IS FILING CLAIM AGAINST HIS INSURANCE FOR DISCHARGE. SPILL TO REMAIN OPEN UNTIL FINAL RESOLUTION FOR INVENTORY DAMAGE IS MADE.

Spill Cause: TWO 275) GALLON TANKS IN BASEMENT-ONE TANK COULD BE SHUT OFF THE OTHER HAS EMPTIED OUT ONTO BASEMENT FLOOR-SWEET KLEEN CO IS ON THE WAY FOR CLEANUP

124  
 WNW  
 1/4-1/2  
 0.402 mi.  
 2122 ft.

2116 DITMAS AVENUE  
 2116 DITMAS AVENUE  
 BROOKLYN, NY

LTANKS S105997903  
 N/A

Relative:  
 Higher

LTANKS:

Actual:  
 31 ft.

Site ID: 325196  
 Spill No: 0210348  
 Spill Date: 1/14/2003  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 3/13/2003  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: MXTIPPLE  
 Referred To: Not reported  
 Reported to Dept: 1/14/2003  
 CID: 204  
 Water Affected: Not reported  
 Spill Notifier: Local Agency  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 1/14/2003  
 Spill Record Last Update: 5/12/2005  
 Spiller Name: MARK ROSEN  
 Spiller Company: SUMMIT OIL  
 Spiller Address: 3957 JEFFERSON STREET  
 Spiller City,St,Zip: PASSAIC, NJ 07055-  
 Spiller County: 001  
 Spiller Contact: RAY LARA  
 Spiller Phone: (718) 624-4842  
 Spiller Extention: Not reported  
 DEC Region: 2  
 DER Facility ID: 261963  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE" 1/14/2003-Vought-Spoke with PTC. Clean up crew on way. Vought called Mark Rosen who said that fill line was not connected to tank. Oil poured into basement. Delivery was to correct address. Delivery to the wrong fuel line (2) 275 gallon UST's on-site. Delivery man unable to contact super. No spill occurred out vent pipe. Spill occurred in unfinished basement. No sewers or drains were affected. Vought spoke to Aaron Sicherman (building manager-917-417-1205) and said that disposal manifest, work invoice and cleanup description

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2116 DITMAS AVENUE (Continued)

S105997903

were required to close spill. 1/14/03 Tipple visited the site and was told by the building manager that the spill occurred between 7 and 8AM, the amount of oil "dropped" by the oil company was approximately 200 gal( no invoice was left by Summit) and there was no building personnel present when the delivery was made. Tipple observed that the petroleum contaminated areas were extensive, including the tank room, one step down through a hallway where the concrete floor was obviously cracked, both down a flight of stairs into the boiler room as well as seeping through the wall below the hall area into the boiler room. There was also oil present in the sump, the pump had been removed, the bottom of the sump pit appeared to be soil. "Big" Anthony Lara agreed to break through the cracked floor today to determine the extent of the contamination, and install fans to vent the area.1/14/2003 5:37 PM Tipple Recieved a call on the cell phone, Mark Rosen wanted to discuss the cleanup requirements for this site. Mark stated that he was not going to dig up the basement of the building and wanted me to meet him there at his convenience. I had been there earlier that day and observed the impacted areas, and Mark was not present for my 12noon-1pm site visit. I told him that I would not argue with him at that time, but we agreed to discuss this 8AM Wednesday.1/15/2003 7:45 Tipple left message for PTC to call DEC. 8:10 PTC Ray Lara returned call. Ray confirmed my suspicions that the soil below the cracked concrete floor in the hallway was saturated with fresh #2 fuel oil. He had the sample that was taken on the 14th sitting on his desk. 8:30 Tipple called Summit Oil's Mark Rosen to discuss the cleanup requirements. Agreed to meet Mark at the site between 7 and 7:30 AM at the site Wednesday 1/22/03 to explain that the digout of petroleum impacted soils must proceed. Mark confirmed the delivery was 200 gal #2fo.1/22/2003 Site visit with Mark Rosen, digout will proceed within the week, floor area in boiler room needs more cleanup, This work will proceed soon.3/13/2003 TIPPLE VISITED SITE WITH ALL EXCAVATIONS OPEN, VISUAL AND OLFACTORY EVIDENCE INDICATE THAT NO FURTHER EXCAVATION NEESD BE COMPLETED. TANK OVERFILL

Remarks:

Material:

Site ID: 325196  
Operable Unit ID: 863723  
Operable Unit: 01  
Material ID: 513735  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 40  
Units: Gallons  
Recovered: 40  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2116 DITMAS AVENUE (Continued)

S105997903

Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

AC125  
SE  
1/4-1/2  
0.404 mi.  
2132 ft.

APARTMENT HOUSE  
777 E 31ST ST  
BROOKLYN, NY

LTANKS S105999435  
N/A

Site 2 of 3 in cluster AC

Relative:  
Higher

LTANKS:

Actual:  
28 ft.

Site ID: 273191  
Spill No: 0304188  
Spill Date: 7/21/2003  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 11/29/2004  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SMSANGES  
Referred To: Not reported  
Reported to Dept: 7/21/2003  
CID: 252  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 7/21/2003  
Spill Record Last Update: 11/29/2004  
Spiller Name: FRED & IVAN LEIST  
Spiller Company: APARTMENT HOUSE  
Spiller Address: 777 E 31ST ST  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 001  
Spiller Contact: PHIL FAZIN  
Spiller Phone: (516) 375-5890  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 222322  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND" Sent TTF letter 11/29/2004 Sangesland reviewed a submittal by John Leddy of ProTest. The buried 12,000 gal #2 fuel oil tank (under the basement floor) was drained & cleaned. 5 soil samples were taken through the tank walls. Two sidewall samples (all clean) and Three bottom samples (2 clean and 1 with a minor hit). The bottom sample with a minor problem was "Tank Bottom East". Samples were tested to 8021 and 8270. All criteria were below TAGM Rec. Soil Cleanup Objectives except for o-Xylene. TAGM for o-Xylene is 600 ug/kg and the measured value was 832 ug/kg. Since this is the only

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

APARTMENT HOUSE (Continued)

S105999435

Remarks: exceedence discovered, and the sample location is approx 10ft deep,  
the DEC is satisfied with the environmental issues at this site and  
the spill case can be closed out.  
RECOMMEND TO UNCOVER-EVALUATE AND RE-TEST

Material:

Site ID: 273191  
Operable Unit ID: 871092  
Operable Unit: 01  
Material ID: 505048  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 273191  
Spill Tank Test: 1528526  
Tank Number: Not reported  
Tank Size: 10000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

Site ID: 93360  
Spill No: 9301279  
Spill Date: 4/27/1993  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 5/8/2002  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: True  
SWIS: 2401  
Investigator: MXTIPPLE  
Referred To: Not reported  
Reported to Dept: 4/27/1993  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Local Agency  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 4/28/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**APARTMENT HOUSE (Continued)**

**S105999435**

Spill Record Last Update: 5/8/2002  
Spiller Name: Not reported  
Spiller Company: SAME  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 222322  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"05/08/2002 photos reveal no oil staining around fill, boiler room clean.

Remarks: FILL OR VENT LINE MAY BE LEAKING

Material:

Site ID: 93360  
Operable Unit ID: 979883  
Operable Unit: 01  
Material ID: 398470  
Material Code: 0003A  
Material Name: #6 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Pounds  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

AC126  
SE  
1/4-1/2  
0.404 mi.  
2132 ft.

777 E. 31ST ST  
777 E. 31ST ST  
BROOKLYN, NY  
Site 3 of 3 in cluster AC

HIST LTANKS S102660637  
N/A

Relative:  
Higher

HIST LTANKS:  
Region of Spill: 2  
Spill Number: 9301279  
Spill Date: 04/27/1993  
Spill Time: 10:45  
Spill Cause: Tank Failure  
Resource Affectd: On Land

Actual:  
28 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

777 E. 31ST ST (Continued)

S102660637

Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: TIBBE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 04/27/93  
Reported to Department Time: 13:46  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: SAME  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Local Agency  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/28/93  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/20/93  
Is Updated: False

Tank:

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

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Not reported  
Quantity Recovered: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

777 E. 31ST ST (Continued)

S102660637

Unkonwn Quantity Recovered: False  
Material: #6 FUEL OIL  
Class Type: #6 FUEL OIL  
Times Material Entry In File: 2190  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: Not reported  
Spill Cause: FILL OR VENT LINE MAY BE LEAKING

127  
WNW  
1/4-1/2  
0.417 mi.  
2202 ft.

APT. BUIIDING  
985 OCEAN AVE  
BROOKLYN, NY

LTANKS S110762295  
N/A

Relative:  
Higher

LTANKS:

Actual:  
29 ft.

Site ID: 445131  
Spill No: 1011281  
Spill Date: 2/9/2011  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Not reported  
Spill Closed Dt: 10/31/2011  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: BKFALVEY  
Referred To: Not reported  
Reported to Dept: 2/9/2011  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 2/9/2011  
Spill Record Last Update: 10/31/2011  
Spiller Name: BRENDA MGT. COMP.  
Spiller Company: BRENDA MGT.  
Spiller Address: 985 OCEAN AVE  
Spiller City,St,Zip: BROOKLYN, NY  
Spiller County: 999  
Spiller Contact: BRENDA MGT. COMP.  
Spiller Phone: (718) 377-8700  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 399974  
DEC Memo: Tank is empty.TTF was sent out to Brenda Management 1860 Flatbush AvenueBrooklyn, NY 11210Attn: H. Mandelttf in edocs.4/5/11 Received message from Howard Mandel. (718)943-3217. He wanted to know if he can fax closure documentation to me. bf4/6/11 I returned Mr. Mandel's call. Left message with fax number. bf10/31/11 On 10/28/11, recieved closure letter, anaaltical sampling results and failed tank test report. Tank failed test on 2/9/11 with a dry leak. Tank top was excavated and a cut in the top of the tank was found. No elevated readings were found with a PID meter. Three samples taken from the

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**APT. BUIIDING (Continued)**

**S110762295**

Remarks: tank bottom. No concentrations exceeded STARS requirements. Tank was abandoned in place. PBS Application to be submitted. bf  
 TANK TEST FAIL

Material:  
 Site ID: 445131  
 Operable Unit ID: 1195360  
 Operable Unit: 01  
 Material ID: 2191457  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: Not reported  
 Units: Not reported  
 Recovered: Not reported  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:  
 Site ID: Not reported  
 Spill Tank Test: Not reported  
 Tank Number: Not reported  
 Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate: Not reported  
 Gross Fail: Not reported  
 Modified By: Not reported  
 Last Modified: Not reported  
 Test Method: Not reported

128  
 ESE  
 1/4-1/2  
 0.429 mi.  
 2265 ft.

**ADONIS RESIDENCE  
 792 EAST 35TH STREET  
 BROOKLYN, NY**

**LTANKS S108298709  
 N/A**

**Relative:  
 Higher**

LTANKS:  
 Site ID: 372574  
 Spill No: 0608571  
 Spill Date: 10/26/2006  
 Spill Cause: Tank Failure  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Spill Closed Dt: 10/30/2006  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: rmpiper  
 Referred To: Not reported  
 Reported to Dept: 10/26/2006  
 CID: 410  
 Water Affected: Not reported  
 Spill Notifier: Local Agency

**Actual:  
 29 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADONIS RESIDENCE (Continued)**

**S108298709**

Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/26/2006  
Spill Record Last Update: 10/30/2006  
Spiller Name: CEGISMAN ADONIS  
Spiller Company: ADONIS RESIDENCE  
Spiller Address: 792 EAST 35TH STREET  
Spiller City,St,Zip: BROOKLYN, NY 11210  
Spiller County: 001  
Spiller Contact: CEGISMAN ADONIS  
Spiller Phone: (646) 623-5773  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 322313  
DEC Memo: 10/30/06- DEC Piper conmtacted Madison Oil and spoke W/ Rich T. As per conversation ABC has been hired by owner to repair tanks. Madison is scheduled to make delivery t omorrow due to completed repairs.  
Spill to concrete, closed.

Remarks: OIL DELIVERY WAS TODAY, MATERIAL DISCOVERD UNDERNEATH TANK IN BASEMENT OF HOME, CEMENT FLOOR: CLEANUP IN PROGRESS: AND TANK PUMP COMPANY IN ROUTE TO PUMP TANK AND FIND WHERE IT IS LEAKING FROM:

Material:

Site ID: 372574  
Operable Unit ID: 1130312  
Operable Unit: 01  
Material ID: 2119986  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AD129  
SW  
1/4-1/2  
0.436 mi.  
2304 ft.

866 EAST 21ST STREET  
866 EAST 21ST STREET  
BROOKLYN, NY  
Site 1 of 2 in cluster AD

HIST LTANKS S102672985  
N/A

Relative:  
Higher

HIST LTANKS:

Actual:  
25 ft.

Region of Spill: 2  
Spill Number: 9506642  
Spill Date: 08/29/1995  
Spill Time: 11:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/14/95  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: SIGONA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/30/95  
Reported to Department Time: 09:51  
SWIS: 61  
Spiller Contact: YOLENE O'EMANUEL  
Spiller Phone: (718) 434-9805  
Spiller Extention: Not reported  
Spiller Name: ALMAR FUELS  
Spiller Address: 918 MCDONALD AVENUE  
Spiller City,St,Zip: BROOKLYN, NY 11218-  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/27/48  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/18/96  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**866 EAST 21ST STREET (Continued)**

**S102672985**

Tank Size: Not reported  
 Test Method: Not reported  
 Leak Rate Failed Tank: Not reported  
 Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
 Quantity Spilled: 20  
 Unkonwn Quantity Spilled: False  
 Units: Gallons  
 Quantity Recovered: 0  
 Unkonwn Quantity Recovered: False  
 Material: #2 FUEL OIL  
 Class Type: #2 FUEL OIL  
 Times Material Entry In File: 24464  
 CAS Number: Not reported  
 Last Date: 19941207

DEC Remarks: DEC investigated on September 22, 1995 - Found the cleanup to be satisfactory. The driveway was cleaned -up upon inspection with Sean Mouhlas of Sweet Claims 718) 875-6300. DEC Sent letter to Sean Mouhlas closing out the spill on 12/14/95.

Spill Cause: TANK WAS OVERFILLED-OIL INTO DRIVEWAY AND SIDEWALK- SPEEDYDRY WAS USED FOR CLEAN UP

AD130  
 SW  
 1/4-1/2  
 0.436 mi.  
 2304 ft.

**866 E. 21ST STREET**  
**866 21ST STREET**  
**BROOKLYN, NY**  
 Site 2 of 2 in cluster AD

**LTANKS** **S102672983**  
**HIST LTANKS** **N/A**

Relative:  
 Higher

LTANKS:  
 Site ID: 306889  
 Spill No: 9506537  
 Spill Date: 8/28/1995  
 Spill Cause: Tank Overfill  
 Spill Source: Private Dwelling  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:  
 25 ft.

Spill Closed Dt: 2/18/2003  
 Facility Addr2: Not reported  
 Cleanup Ceased: Not reported  
 Cleanup Meets Standard: False  
 SWIS: 2401  
 Investigator: O'DOWD  
 Referred To: Not reported  
 Reported to Dept: 8/28/1995  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Other  
 Last Inspection: Not reported  
 Recommended Penalty: False  
 UST Involvement: False  
 Remediation Phase: 0  
 Date Entered In Computer: 9/28/1995  
 Spill Record Last Update: 2/18/2003  
 Spiller Name: Not reported  
 Spiller Company: UNKNOWN  
 Spiller Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**866 E. 21ST STREET (Continued)**

**S102672983**

Spiller City,St,Zip: NY  
Spiller County: 999  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 247851  
DEC Memo: Not reported  
Remarks: PUDDLE COMING FROM HOUSE DOWN DRIVEWAY TO STREET CURB, TO SEWER - 300 FEET (TO GLENWOOD) - OIL DELIVERY TRUCK LEFT - AUXILIARY POLICE SPOKE TO WOMAN AT ADDRESS - SHE WAS NOT WILLING TO GIVE ANY INFO.

Material:

Site ID: 306889  
Operable Unit ID: 1021303  
Operable Unit: 01  
Material ID: 364499  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: -1  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

Site ID: 135732  
Spill No: 9506642  
Spill Date: 8/29/1995  
Spill Cause: Tank Overfill  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 12/14/1995  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: SIGONA  
Referred To: Not reported  
Reported to Dept: 8/30/1995  
CID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**866 E. 21ST STREET (Continued)**

**S102672983**

Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/27/1948  
Spill Record Last Update: 1/18/1996  
Spiller Name: Not reported  
Spiller Company: ALMAR FUELS  
Spiller Address: 918 MCDONALD AVENUE  
Spiller City,St,Zip: BROOKLYN, NY 11218-  
Spiller County: 001  
Spiller Contact: YOLENE O'EMANUEL  
Spiller Phone: (718) 434-9805  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 116531  
DEC Memo: Not reported  
Remarks: TANK WAS OVERFILLED-OIL INTO DRIVEWAY AND SIDEWALK- SPEEDYDRY WAS USED FOR CLEAN UP

**Material:**

Site ID: 135732  
Operable Unit ID: 1017382  
Operable Unit: 01  
Material ID: 364605  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: Not reported  
Spill Tank Test: Not reported  
Tank Number: Not reported  
Tank Size: Not reported  
Test Method: Not reported  
Leak Rate: Not reported  
Gross Fail: Not reported  
Modified By: Not reported  
Last Modified: Not reported  
Test Method: Not reported

**HIST LTANKS:**

Region of Spill: 2  
Spill Number: 9506537  
Spill Date: 08/28/1995  
Spill Time: 10:20  
Spill Cause: Tank Overfill

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**866 E. 21ST STREET (Continued)**

**S102672983**

Resource Affectd: In Sewer  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: O'DOWD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/28/95  
Reported to Department Time: 10:35  
SWIS: 61  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/28/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: / /  
Is Updated: False

**Tank:**

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

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: -1  
Unkonwn Quantity Spilled: False  
Units: Gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**866 E. 21ST STREET (Continued)**

**S102672983**

Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: PUDDLE COMING FROM HOUSE DOWN DRIVEWAY TO STREET CURB, TO SEWER - 300 FEET TO GLENWOOD) - OIL DELIVERY TRUCK LEFT - AUXILIARY POLICE SPOKE TO WOMAN AT ADDRESS - SHE WAS NOT WILLING TO GIVE ANY INFO.

131  
NW  
1/4-1/2  
0.461 mi.  
2435 ft.

**535 EAST 21ST ST  
BROOKLYN, NY**

**LTANKS S104620737  
HIST LTANKS N/A**

**Relative:  
Higher**

LTANKS:

**Actual:  
31 ft.**

Site ID: 257416  
Spill No: 9911125  
Spill Date: 12/17/1999  
Spill Cause: Tank Test Failure  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 6/28/2005  
Facility Addr2: Not reported  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 2401  
Investigator: hmdudek  
Referred To: Not reported  
Reported to Dept: 12/20/1999  
CID: 366  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 12/20/1999  
Spill Record Last Update: 6/28/2005  
Spiller Name: Not reported  
Spiller Company: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: \*\*\*Update\*\*\*, ZZ  
Spiller County: 001  
Spiller Contact: STEVE  
Spiller Phone: (718) 434-1035  
Spiller Extention: Not reported  
DEC Region: 2  
DER Facility ID: 210773  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "M TIBBE"6/28/05 - Search of PBS records indicates that the tank was closed in place. No release has been documented. Closed based on guidance in April 16, 2004 Memeorandum from Robert Marino to Regional Spill Engineers "Spills Backlog Redeuction Initiative - Guidance for

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620737

Remarks: Closure Decisions". HMD  
WILL REMOVE TANK AND TEST THE LINES.

Material:

Site ID: 257416  
Operable Unit ID: 1085845  
Operable Unit: 01  
Material ID: 296595  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 257416  
Spill Tank Test: 1547943  
Tank Number: 1  
Tank Size: 4000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

HIST LTANKS:

Region of Spill: 2  
Spill Number: 9911125  
Spill Date: 12/17/1999  
Spill Time: 17:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: / /  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: TIBBE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 12/20/99  
Reported to Department Time: 17:10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104620737

SWIS: 61  
Spiller Contact: STEVE  
Spiller Phone: (718) 434-1035  
Spiller Extention: Not reported  
Spiller Name: Not reported  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/20/99  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/17/00  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: 1  
Tank Size: 4000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Spill Cause: WILL REMOVE TANK AND TEST THE LINES.

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1004762009	NYCDEP - SHAFT 23	FLATBUSH AVE & TEMPLE ST	11226	FINDS,RCRA-NLR
BROOKLYN	1007207442	CONSOLIDATED EDISON	NBV632452-W 29TH ST & SURF AVE		RCRA-NLR,MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BROOKLYN	1007444974	FOUNTAIN AVENUE LANDFILL	OFF SHORE PARKWAY		ODI
BROOKLYN	1008195485	CONSOLIDATED EDISON	MH4546-PRESIDENT ST & ROGERS		RCRA-NLR,MANIFEST
BROOKLYN	1008195651	CONSOLIDATED EDISON	MH14737-ATLANTIC & FLATBUSH		RCRA-NLR,MANIFEST
BROOKLYN	1008195822	CONSOLIDATED EDISON	V5993-W 29TH ST SURF AVE		RCRA-NLR,MANIFEST
BROOKLYN	1009235114	BP PRODUCTS OF NORTH AMERICA INC	5001 KINGS HIGHWAY SS671	11201	MANIFEST
BROOKLYN	1009243612	CONSOLIDATED EDISON	MH3412-CORTEYOU RD & FLATBUSH		MANIFEST
BROOKLYN	1014397190	CON EDISON	KINGS HWY & CHRUCH AVE	11203	RCRA-CESQG
BKLYN	S102142527	E 29TH ST & KINGS HWY	E 29TH ST & KINGS HWY		SPILLS,HIST SPILLS
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		SPILLS,HIST SPILLS
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S106971059	POLE 69882	AVE D AND KINGS HWY		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S109786956	CON EDISON OF NYC,INC.	MYRTE AVE. + FLATBUSH AVE.		MANIFEST
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		SPILLS
BROOKLYN	S111011885	TO ROADWAY	KINGS HWY AND EAST 16TH ST		SPILLS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

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

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 132

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/12/2012  
Next Scheduled EDR Contact: 02/25/2013  
Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/15/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

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

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### **SHWS: Inactive Hazardous Waste Disposal Sites in New York State**

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/19/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/20/2012	Telephone: 518-402-9622
Date Made Active in Reports: 12/12/2012	Last EDR Contact: 11/20/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 05/01/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2012	Telephone: 518-402-9814
Date Made Active in Reports: 07/03/2012	Last EDR Contact: 08/24/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Varies

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

### SWF/LF: Facility Register

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

Date of Government Version: 10/10/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/11/2012	Telephone: 518-457-2051
Date Made Active in Reports: 11/09/2012	Last EDR Contact: 10/04/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Semi-Annually

## **State and tribal leaking storage tank lists**

### LTANKS: Spills Information Database

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

Date of Government Version: 08/20/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/23/2012	Telephone: 518-402-9549
Date Made Active in Reports: 10/05/2012	Last EDR Contact: 11/20/2012
Number of Days to Update: 43	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

### HIST LTANKS: Listing of Leaking Storage Tanks

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

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

## ***State and tribal registered storage tank lists***

TANKS: Storage Tank Facility Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9543  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

## UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: No Update Planned

## CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 10/24/2005  
Next Scheduled EDR Contact: 01/23/2006  
Data Release Frequency: No Update Planned

## MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: Varies

## AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: No Update Planned

## CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

## MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 02/20/2002  
Date Made Active in Reports: 03/22/2002  
Number of Days to Update: 30

Source: NYSDEC  
Telephone: 518-402-9549  
Last EDR Contact: 07/25/2005  
Next Scheduled EDR Contact: 10/24/2005  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

## MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012  
Date Data Arrived at EDR: 05/02/2012  
Date Made Active in Reports: 07/16/2012  
Number of Days to Update: 75

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/01/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011  
Date Data Arrived at EDR: 12/15/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 26

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012  
Date Data Arrived at EDR: 08/03/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 94

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011  
Date Data Arrived at EDR: 05/11/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 34

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 07/26/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012	Source: EPA Region 9
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/15/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/19/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/20/2012	Telephone: 518-402-9553
Date Made Active in Reports: 12/12/2012	Last EDR Contact: 11/20/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/19/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/20/2012	Telephone: 518-402-9553
Date Made Active in Reports: 12/12/2012	Last EDR Contact: 11/20/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Quarterly

## RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010	Source: NYC Department of City Planning
Date Data Arrived at EDR: 12/23/2010	Telephone: 212-720-3401
Date Made Active in Reports: 02/11/2011	Last EDR Contact: 09/28/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 01/07/2013
	Data Release Frequency: No Update Planned

## **State and tribal voluntary cleanup sites**

### VCP: Voluntary Cleanup Agreements

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

Date of Government Version: 11/19/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/20/2012	Telephone: 518-402-9711
Date Made Active in Reports: 12/12/2012	Last EDR Contact: 11/20/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Semi-Annually

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## **State and tribal Brownfields sites**

### ERP: Environmental Restoration Program Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

## BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Semi-Annually

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/10/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 12/20/2012  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/11/2012  
Next Scheduled EDR Contact: 04/08/2013  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/03/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: No Update Planned

#### SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/10/2012  
Date Data Arrived at EDR: 10/11/2012  
Date Made Active in Reports: 11/09/2012  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8705  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/21/2013  
Data Release Frequency: Semi-Annually

## SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006  
Date Data Arrived at EDR: 11/15/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8694  
Last EDR Contact: 10/26/2012  
Next Scheduled EDR Contact: 02/04/2013  
Data Release Frequency: Annually

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/11/2012  
Date Data Arrived at EDR: 09/12/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 54

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 12/03/2012  
Next Scheduled EDR Contact: 03/18/2013  
Data Release Frequency: Quarterly

### DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/14/2012  
Number of Days to Update: 24

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Annually

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Registered Storage Tanks**

### HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

### HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2012	Telephone: 202-564-6023
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

### LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 11/19/2012	Source: Office of the State Comptroller
Date Data Arrived at EDR: 11/20/2012	Telephone: 518-474-9034
Date Made Active in Reports: 12/12/2012	Last EDR Contact: 11/12/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/25/2013
	Data Release Frequency: Varies

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-366-4555
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

### SPILLS: Spills Information Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2012  
Date Data Arrived at EDR: 08/23/2012  
Date Made Active in Reports: 10/05/2012  
Number of Days to Update: 43

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/20/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Varies

## HIST SPILLS: SPILLS Database

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

Date of Government Version: 01/01/2002  
Date Data Arrived at EDR: 07/08/2005  
Date Made Active in Reports: 07/14/2005  
Number of Days to Update: 6

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 07/07/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 11/29/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/06/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 10/18/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 08/12/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 12/10/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/19/2012	Telephone: Varies
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

## MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/29/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/07/2013
	Data Release Frequency: Every 4 Years

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 11/01/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/19/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/10/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (212) 637-3000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

## BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 03/01/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 62

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/30/2012  
Next Scheduled EDR Contact: 03/11/2013  
Data Release Frequency: Biennially

## HSWDS: Hazardous Substance Waste Disposal Site Inventory

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

Date of Government Version: 01/01/2003  
Date Data Arrived at EDR: 10/20/2006  
Date Made Active in Reports: 11/30/2006  
Number of Days to Update: 41

Source: Department of Environmental Conservation  
Telephone: 518-402-9564  
Last EDR Contact: 05/26/2009  
Next Scheduled EDR Contact: 08/24/2009  
Data Release Frequency: No Update Planned

## UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/07/2012  
Date Data Arrived at EDR: 09/12/2012  
Date Made Active in Reports: 10/04/2012  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 518-402-8056  
Last EDR Contact: 12/11/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Quarterly

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2012  
Date Data Arrived at EDR: 11/07/2012  
Date Made Active in Reports: 12/11/2012  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/07/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Annually

## DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/20/2012  
Date Data Arrived at EDR: 07/16/2012  
Date Made Active in Reports: 09/06/2012  
Number of Days to Update: 52

Source: Department of Environmental Conservation  
Telephone: 518-402-8403  
Last EDR Contact: 12/13/2012  
Next Scheduled EDR Contact: 04/01/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/23/2012  
Date Data Arrived at EDR: 10/24/2012  
Date Made Active in Reports: 11/09/2012  
Number of Days to Update: 16

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 10/15/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: No Update Planned

## AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 08/02/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 62

Source: Department of Environmental Conservation  
Telephone: 518-402-8452  
Last EDR Contact: 11/01/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Annually

## E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/11/2012  
Date Data Arrived at EDR: 11/01/2012  
Date Made Active in Reports: 11/09/2012  
Number of Days to Update: 8

Source: New York City Department of City Planning  
Telephone: 718-595-6658  
Last EDR Contact: 12/26/2012  
Next Scheduled EDR Contact: 04/08/2013  
Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/18/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 10/22/2012  
Next Scheduled EDR Contact: 02/04/2013  
Data Release Frequency: Varies

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/18/2012  
Date Data Arrived at EDR: 01/27/2012  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 34

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data  
A listing of minor source facilities.

Date of Government Version: 01/18/2012  
Date Data Arrived at EDR: 01/27/2012  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 34

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/13/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 11/12/2012  
Next Scheduled EDR Contact: 02/25/2013  
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 69

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/16/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 32

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/14/2013  
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 11/02/2012  
Next Scheduled EDR Contact: 02/11/2013  
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/10/2012  
Date Data Arrived at EDR: 10/11/2012  
Date Made Active in Reports: 11/19/2012  
Number of Days to Update: 39

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/21/2013  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 10/16/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/11/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008  
Date Data Arrived at EDR: 11/25/2008  
Date Made Active in Reports: 12/11/2008  
Number of Days to Update: 16

Source: Department of Environmental Conservation  
Telephone: 518-402-8712  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/21/2013  
Data Release Frequency: Varies

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/16/2012  
Next Scheduled EDR Contact: 11/26/2012  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/05/2012  
Date Data Arrived at EDR: 10/11/2012  
Date Made Active in Reports: 11/09/2012  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/21/2013  
Data Release Frequency: Quarterly

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/18/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: N/A

## EDR PROPRIETARY RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## COUNTY RECORDS

### CORTLAND COUNTY:

#### Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 09/12/2012  
Date Made Active in Reports: 10/04/2012  
Number of Days to Update: 22

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 05/07/8062  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Quarterly

#### Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 09/12/2012  
Date Made Active in Reports: 10/04/2012  
Number of Days to Update: 22

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 05/07/8062  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Quarterly

### NASSAU COUNTY:

#### Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003  
Date Data Arrived at EDR: 05/27/2003  
Date Made Active in Reports: 06/09/2003  
Number of Days to Update: 13

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 10/04/2012  
Next Scheduled EDR Contact: 01/21/2013  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 11/05/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

## Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003	Source: Nassau County Health Department
Date Data Arrived at EDR: 05/27/2003	Telephone: 516-571-3314
Date Made Active in Reports: 06/09/2003	Last EDR Contact: 10/04/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: No Update Planned

## Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 11/05/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

## ROCKLAND COUNTY:

### Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012	Source: Rockland County Health Department
Date Data Arrived at EDR: 10/12/2012	Telephone: 914-364-2605
Date Made Active in Reports: 11/14/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 33	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

### Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012	Source: Rockland County Health Department
Date Data Arrived at EDR: 10/12/2012	Telephone: 914-364-2605
Date Made Active in Reports: 11/14/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 33	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

## SUFFOLK COUNTY:

### Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 01/11/2007	Telephone: 631-854-2521
Date Made Active in Reports: 02/07/2007	Last EDR Contact: 11/05/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 01/11/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 27

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Annually

## WESTCHESTER COUNTY:

### Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Varies

### Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 11/19/2012  
Date Data Arrived at EDR: 11/20/2012  
Date Made Active in Reports: 12/12/2012  
Number of Days to Update: 22

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 11/05/2012  
Next Scheduled EDR Contact: 02/18/2013  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/20/2012  
Date Data Arrived at EDR: 08/20/2012  
Date Made Active in Reports: 09/20/2012  
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/19/2012  
Next Scheduled EDR Contact: 03/04/2013  
Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/16/2012  
Next Scheduled EDR Contact: 01/28/2013  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/23/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 57

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/22/2012  
Next Scheduled EDR Contact: 02/04/2013  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 06/22/2012  
Date Made Active in Reports: 07/31/2012  
Number of Days to Update: 39

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/26/2012  
Next Scheduled EDR Contact: 03/11/2013  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 08/09/2012  
Date Data Arrived at EDR: 08/15/2012  
Date Made Active in Reports: 09/13/2012  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/22/2012  
Next Scheduled EDR Contact: 02/04/2013  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 09/27/2012  
Number of Days to Update: 70

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/13/2012  
Next Scheduled EDR Contact: 04/01/2013  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

1345-57 ROGERS AVENUE  
1345,51,57 ROGERS AVE / 562 E 28TH ST.  
BROOKLYN, NY 11210

### TARGET PROPERTY COORDINATES

Latitude (North):	40.6372 - 40° 38' 13.92"
Longitude (West):	73.951 - 73° 57' 3.60"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588707.6
UTM Y (Meters):	4498801.5
Elevation:	24 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995
South Map:	40073-E8 CONEY ISLAND, NY NJ
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

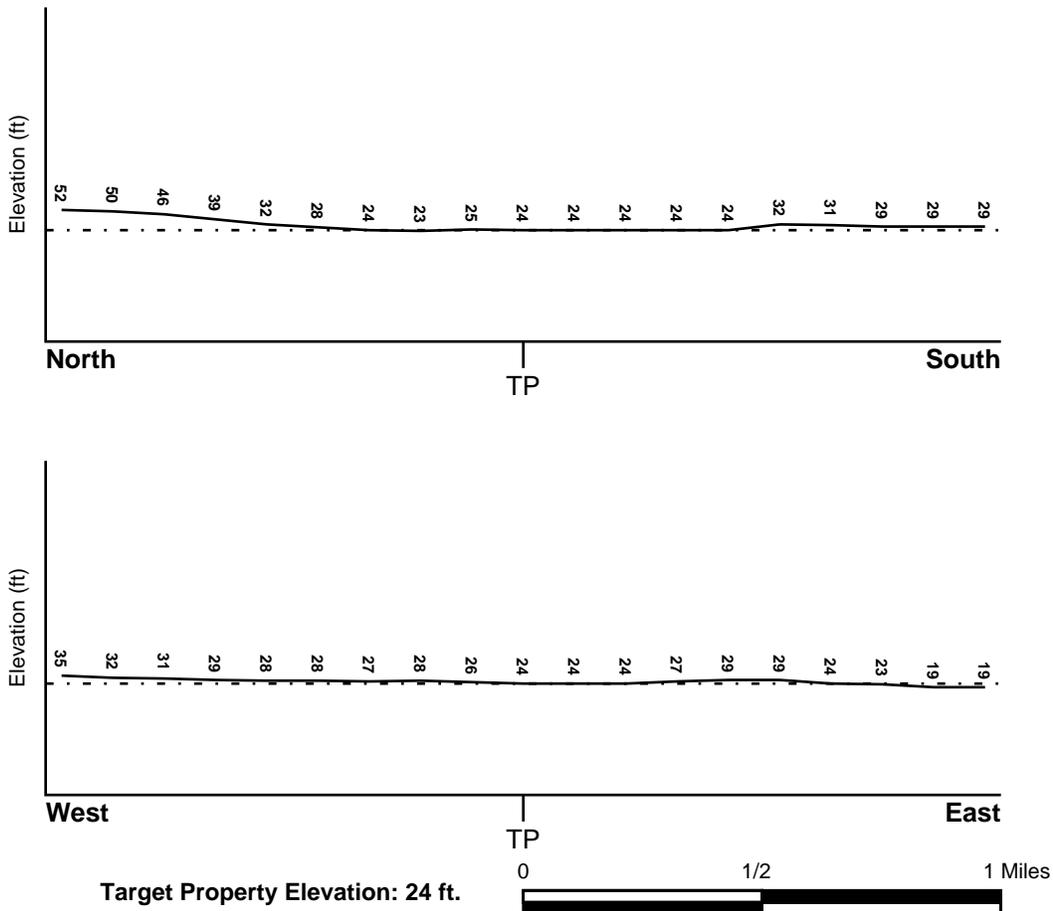
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u> KINGS, NY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	360497 - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> BROOKLYN	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### **ROCK STRATIGRAPHIC UNIT**

Era: Mesozoic  
System: Cretaceous  
Series: Upper Cretaceous  
Code: uK (decoded above as Era, System & Series)

### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Surficial Soil Types: silt loam  
loamy sand  
sandy loam  
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock  
very gravelly - loamy sand  
stratified  
sandy loam

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS2120816	1/8 - 1/4 Mile East
A2	USGS2120824	1/8 - 1/4 Mile East
3	USGS2120840	1/8 - 1/4 Mile ENE
B4	USGS2120857	1/8 - 1/4 Mile NNE
5	USGS2120825	1/4 - 1/2 Mile East
B6	USGS2120860	1/4 - 1/2 Mile NE
7	USGS2120855	1/4 - 1/2 Mile NW
C8	USGS2120839	1/4 - 1/2 Mile ENE
C9	USGS2120838	1/4 - 1/2 Mile ENE
10	USGS2120985	1/4 - 1/2 Mile SSE
D11	USGS2120971	1/4 - 1/2 Mile SSW
D12	USGS2120963	1/4 - 1/2 Mile SSW
D13	USGS2120957	1/2 - 1 Mile SSW
D14	USGS2120958	1/2 - 1 Mile SSW
E15	USGS2120831	1/2 - 1 Mile East
E16	USGS2120837	1/2 - 1 Mile East
17	USGS2120561	1/2 - 1 Mile North
18	USGS2120836	1/2 - 1 Mile East
F19	USGS2120823	1/2 - 1 Mile East
F20	USGS2120822	1/2 - 1 Mile East
21	USGS2120633	1/2 - 1 Mile WNW
22	USGS2120937	1/2 - 1 Mile SSE
23	USGS2120827	1/2 - 1 Mile West
24	USGS2120641	1/2 - 1 Mile ENE
G25	USGS2120394	1/2 - 1 Mile NNW
G26	USGS2120395	1/2 - 1 Mile NNW
27	USGS2120931	1/2 - 1 Mile SSW
28	USGS2120393	1/2 - 1 Mile NNE
29	USGS2291818	1/2 - 1 Mile NNW
30	USGS2120832	1/2 - 1 Mile West

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

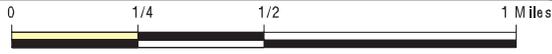
## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 3483616.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 1345-57 Rogers Avenue  
 ADDRESS: 1345,51,57 Rogers Ave / 562 E 28th St.  
 Brooklyn NY 11210  
 LAT/LONG: 40.6372 / 73.951

CLIENT: CA Rich Consultants, Inc.  
 CONTACT: Jessica Proscia  
 INQUIRY #: 3483616.2s  
 DATE: December 27, 2012 10:34 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**East**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS2120816**

Agency cd:	USGS	Site no:	403813073565401
Site name:	K 3214. 1	EDR Site id:	USGS2120816
Latitude:	403813	Dec lat:	40.63704848
Longitude:	0735654	Coor meth:	M
Dec lon:	-73.94791562	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1548		
Altitude:	6.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1983-07-12
Water quality data end date:	1996-04-16	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**A2**  
**East**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS2120824**

Agency cd:	USGS	Site no:	403815073565301
Site name:	K 505. 1	EDR Site id:	USGS2120824
Latitude:	403815	Dec lat:	40.63760403
Longitude:	0735653	Coor meth:	M
Dec lon:	-73.94763784	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1548		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	92.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**3**  
**ENE**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS2120840**

Agency cd:	USGS	Site no:	403819073565408
Site name:	K 532. 1		
Latitude:	403819	EDR Site id:	USGS2120840
Longitude:	0735654	Dec lat:	40.63871512
Dec lon:	-73.94791562	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1547	Map scale:	Not Reported
Altitude:	11.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	LLOYD AQUIFER		
Well depth:	456.	Hole depth:	465.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date:0000-00-00	Water quality data count: 0
Ground water data begin date: 1936-11-14	Ground water data end date: 1941-11-08
Ground water data count: 238	

Ground-water levels, Number of Measurements: 0

**B4  
NNE  
1/8 - 1/4 Mile  
Higher**

**FED USGS      USGS2120857**

Agency cd:	USGS	Site no:	403824073565601
Site name:	K 3218. 1	EDR Site id:	USGS2120857
Latitude:	403824	Dec lat:	40.64010398
Longitude:	0735656	Coor meth:	M
Dec lon:	-73.94847119	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1547		
Altitude:	3.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	2002-09-05	Water quality data begin date:	1981-04-14
Water quality data count:	7		
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**5  
East  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS2120825**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	403816073564801
Site name:	K 1517. 1	EDR Site id:	USGS2120825
Latitude:	403816	Dec lat:	40.6378818
Longitude:	0735648	Coor meth:	M
Dec lon:	-73.94624891	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1558		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	115.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B6  
NE  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS2120860**

Agency cd:	USGS	Site no:	403825073565301
Site name:	K 502. 1	EDR Site id:	USGS2120860
Latitude:	403825	Dec lat:	40.64038175
Longitude:	0735653	Coor meth:	M
Dec lon:	-73.94763784	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1546		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	101.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1941-10-18	Water quality data count:	0
Ground water data count:	67	Ground water data end date:	1943-03-27

Ground-water levels, Number of Measurements: 0

**7  
NW  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS2120855**

Agency cd:	USGS	Site no:	403823073572201
Site name:	K 957. 1	EDR Site id:	USGS2120855
Latitude:	403823	Dec lat:	40.6398262
Longitude:	0735722	Coor meth:	M
Dec lon:	-73.95569362	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1517		
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1970-07-20	Water quality data begin date:	1970-07-20
Ground water data begin date:	0000-00-00	Water quality data count:	1
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C8**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS2120839**

Agency cd:	USGS	Site no:	403819073564402
Site name:	K 1479. 1	EDR Site id:	USGS2120839
Latitude:	403819	Dec lat:	40.63871512
Longitude:	0735644	Coor meth:	M
Dec lon:	-73.94513777	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1557		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	60.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C9**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS2120838**

Agency cd:	USGS	Site no:	403819073564401
Site name:	K 534. 1	EDR Site id:	USGS2120838
Latitude:	403819	Dec lat:	40.63871512
Longitude:	0735644	Coor meth:	M
Dec lon:	-73.94513777	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1557		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	17.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	469.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**10  
SSE  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS2120985**

Agency cd:	USGS	Site no:	403755073565201
Site name:	K 3216. 1	EDR Site id:	USGS2120985
Latitude:	403755	Dec lat:	40.63204858
Longitude:	0735652	Coor meth:	M
Dec lon:	-73.94736004	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1641		
Altitude:	4.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 2002-09-05  
 Ground water data begin date: 0000-00-00  
 Ground water data count: 0

Water quality data begin date: 1983-07-12  
 Water quality data count: 5  
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**D11**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS2120971**

Agency cd:	USGS	Site no:	403750073571701
Site name:	K 3132. 1	EDR Site id:	USGS2120971
Latitude:	403750	Dec lat:	40.63065972
Longitude:	0735717	Coor meth:	M
Dec lon:	-73.95430468	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1615		
Altitude:	31.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	310.	Hole depth:	310.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	1983-07-28	Water quality data begin date:	1969-10-22
Water quality data count:	2		
Ground water data begin date:	1982-03-17	Ground water data end date:	2003-03-16
Ground water data count:	31		

Ground-water levels, Number of Measurements: 0

**D12**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS2120963**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	403749073571601
Site name:	K 3131. 1		
Latitude:	403749	EDR Site id:	USGS2120963
Longitude:	0735716	Dec lat:	40.63038195
Dec lon:	-73.9540269	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1621	Map scale:	Not Reported
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	291.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D13  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2120957**

Agency cd:	USGS	Site no:	403748073571901
Site name:	K 3130. 1		
Latitude:	403748	EDR Site id:	USGS2120957
Longitude:	0735721	Dec lat:	40.63010417
Dec lon:	-73.95541582	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1612	Map scale:	Not Reported
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**E15**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120831**

Agency cd:	USGS	Site no:	403818073562501
Site name:	K 509. 1	EDR Site id:	USGS2120831
Latitude:	403818	Dec lat:	40.63843735
Longitude:	0735625	Coor meth:	M
Dec lon:	-73.93985984	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1587		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	97.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data begin date:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data begin date:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E16**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS2120837**

Agency cd:	USGS	Site no:	403819073562401
Site name:	K 515. 1	EDR Site id:	USGS2120837
Latitude:	403819	Dec lat:	40.63871512
Longitude:	0735624	Coor meth:	M
Dec lon:	-73.93958206	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1587		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	20.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	343.	Hole depth:	345.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**17  
North  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2120561**

Agency cd:	USGS	Site no:	403849073565908
Site name:	K 1505. 1		
Latitude:	403849	EDR Site id:	USGS2120561
Longitude:	0735659	Dec lat:	40.64704828
Dec lon:	-73.94930456	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1543	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	138.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1946-10-24  
 Ground water data count: 36

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1948-08-23

Ground-water levels, Number of Measurements: 36

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1948-08-23		-1.81	1948-08-10		-1.64
1948-07-14		-1.93	1948-06-30		-2.57
1948-06-10		-3.51	1948-05-22		-3.61
1948-05-08		-4.05	1948-04-17		-4.35
1948-04-03		-3.87	1948-03-28		-2.86
1948-03-13		-1.73	1948-02-28		-1.87
1948-02-02		-6.68	1948-01-05		-7.45
1947-12-18		-8.24	1947-11-28		-8.47
1947-11-18		-8.70	1947-10-29		-9.64
1947-10-20		-10.53	1947-10-13		-10.75
1947-10-06		-9.99	1947-09-30		-11.55
1947-09-16		-10.93	1947-08-28		-11.41
1947-08-13		-12.04	1947-07-31		-12.64
1947-07-22		-13.03	1947-07-14		-13.45
1947-07-07		-13.76	1947-07-03		-13.96
1947-07-02		-14.01	1947-07-01		-14.08
1947-06-30		-14.14	1947-06-25		-14.15
1947-06-23		-14.15	1946-10-24		-13.40

**18  
 East  
 1/2 - 1 Mile  
 Higher**

**FED USGS USGS2120836**

Agency cd:	USGS	Site no:	403819073561801
Site name:	K 504. 1	EDR Site id:	USGS2120836
Latitude:	403819	Dec lat:	40.63871512
Longitude:	0735618	Coor meth:	M
Dec lon:	-73.93791534	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1597		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	108.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1944-08-25  
 Ground water data count: 132

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1956-12-20

Ground-water levels, Number of Measurements: 0

**F19**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120823**

Agency cd:	USGS	Site no:	403815073561702
Site name:	K 511. 1	EDR Site id:	USGS2120823
Latitude:	403815	Dec lat:	40.63760403
Longitude:	0735617	Coor meth:	M
Dec lon:	-73.93763756	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1598		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	92.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F20**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120822**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	403815073561701
Site name:	K 518. 1		
Latitude:	403815	EDR Site id:	USGS2120822
Longitude:	0735617	Dec lat:	40.63760403
Dec lon:	-73.93763756	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1598	Map scale:	Not Reported
Altitude:	13.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	330.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**21**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120633**

Agency cd:	USGS	Site no:	403830073575001
Site name:	K 1263. 1		
Latitude:	403830	EDR Site id:	USGS2120633
Longitude:	0735750	Dec lat:	40.6417706
Dec lon:	-73.96347162	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KD1576	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: N  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: GLACIAL AQUIFER,UPPER  
 Well depth: 50. Hole depth: Not Reported  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00  
 Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00  
 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data begin date: 0000-00-00  
 Water quality data end date: 0000-00-00  
 Water quality data count: 0  
 Ground water data begin date: 1933-04-21  
 Ground water data end date: 1960-03-29  
 Ground water data count: 352

Ground-water levels, Number of Measurements: 0

**22**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2120937**

Agency cd: USGS Site no: 403737073564908  
 Site name: K 3254. 1  
 Latitude: 403737 EDR Site id: USGS2120937  
 Longitude: 0735649 Dec lat: 40.62704868  
 Dec lon: -73.94652668 Coord meth: M  
 Coord acc: S Latlong datum: NAD27  
 Dec latlong datum: NAD83 District: 36  
 State: 36 County: 047  
 Country: US Land net: Not Reported  
 Location map: KE1653 Map scale: Not Reported  
 Altitude: 26.9  
 Altitude method: Level or other surveying method  
 Altitude accuracy: 0.1  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Southern Long Island. New York. Area = 1660 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring Date construction: Not Reported  
 Date inventoried: Not Reported Mean greenwich time offset: EST  
 Local standard time flag: N  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: GLACIAL AQUIFER,UPPER  
 Well depth: 29. Hole depth: Not Reported  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0  
 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00  
 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data begin date: 1981-05-01  
 Water quality data end date: 1996-05-06  
 Water quality data count: 4  
 Ground water data begin date: 1980-04-09  
 Ground water data end date: 2005-02-16  
 Ground water data count: 195

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**23**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120827**

Agency cd:	USGS	Site no:	403817073580101
Site name:	K 3273. 1	EDR Site id:	USGS2120827
Latitude:	403817	Dec lat:	40.63815957
Longitude:	0735801	Coor meth:	M
Dec lon:	-73.96652725	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1661		
Altitude:	33.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	39.	Hole depth:	39.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1983-09-15
Water quality data end date:	1992-11-02	Water quality data count:	2
Ground water data begin date:	1981-06-29	Ground water data end date:	2005-02-15
Ground water data count:	130		

Ground-water levels, Number of Measurements: 0

**24**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120641**

Agency cd:	USGS	Site no:	403831073561101
Site name:	K 1932. 1	EDR Site id:	USGS2120641
Latitude:	403831	Dec lat:	40.64204839
Longitude:	0735611	Coor meth:	M
Dec lon:	-73.93597085	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1596		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	26.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	151.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G25  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2120394**

Agency cd:	USGS	Site no:	403857073572001
Site name:	K 527. 1	EDR Site id:	USGS2120394
Latitude:	403857	Dec lat:	40.64927046
Longitude:	0735720	Coor meth:	M
Dec lon:	-73.95513806	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1512		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	137.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
 Water quality data end date: Not Reported  
 Ground water data begin date: Not Reported  
 Ground water data count: Not Reported

Water quality data begin date: Not Reported  
 Water quality data count: Not Reported  
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**G26  
 NNW  
 1/2 - 1 Mile  
 Higher**

**FED USGS      USGS2120395**

Agency cd:	USGS	Site no:	403857073572101
Site name:	K 522. 1	EDR Site id:	USGS2120395
Latitude:	403857	Dec lat:	40.64927046
Longitude:	0735721	Coor meth:	M
Dec lon:	-73.95541584	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1512		
Altitude:	48.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	300.	Hole depth:	300.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1944-08-08	Ground water data end date:	1989-03-08
Ground water data count:	200		

Ground-water levels, Number of Measurements: 200

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-03-08		9.26	1988-05-05		9.42
1987-09-10		9.56	1987-03-10		9.58
1986-09-10		9.20	1986-06-13		9.32
1986-03-11		8.97	1985-12-04		8.40
1985-10-02		8.59	1985-05-20		9.01
1984-12-18		10.76	1984-10-03		11.31
1984-06-26		10.81	1984-03-19		11.12
1984-01-05		9.36	1983-09-28		9.04
1983-03-25		8.51	1982-12-21		8.71
1982-10-06		8.96	1982-06-30		10.01

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-04-02		9.70	1981-12-29		9.31
1981-09-23		9.80	1981-06-25		9.43
1981-03-24		9.93	1980-12-24		9.41
1980-09-23		10.36	1980-06-19		10.97
1980-03-13		10.41	1979-12-18		10.71
1979-09-17		10.71	1979-06-28		11.41
1979-03-26		11.31	1978-12-22		10.13
1978-10-02		10.55	1978-06-23		10.38
1978-04-04		10.49	1978-01-03		10.22
1977-10-13		9.72	1977-07-06		9.69
1977-03-28		9.89	1976-12-22		9.72
1976-09-22		9.98	1976-06-28		9.98
1976-03-23		8.90	1975-12-17		10.26
1975-10-07		10.26	1975-06-30		9.08
1975-03-26		9.75	1974-12-20		9.65
1974-09-04		10.65	1974-03-28		9.74
1974-03-19		9.88	1974-01-08		9.75
1973-09-24		10.01	1973-07-02		10.04
1973-02-03		9.32	1972-12-27		9.23
1972-09-29		9.54	1972-08-31		9.56
1972-07-10		9.50	1972-03-28		8.09
1972-01-13		8.63	1971-09-23		8.58
1971-03-08		8.16	1970-10-30		8.03
1970-03-16		8.00	1969-09-02		7.57
1969-04-21		6.93	1968-04-30		6.85
1967-10-23		6.35	1967-03-28		6.01
1966-10-25		6.36	1966-05-03		6.45
1965-10-26		6.57	1965-09-15		6.61
1965-08-16		6.68	1965-04-29		7.08
1964-11-02		6.29	1964-04-23		7.21
1963-04-26		6.77	1962-05-01		8.12
1961-12-26		7.11	1961-01-04		6.44
1960-09-15		6.08	1960-01-15		6.11
1959-03-17		6.25	1956-01-19		5.76
1954-12-29		5.06	1954-06-30		4.10
1954-05-27		4.14	1954-04-29		4.17
1954-03-27		4.79	1954-02-27		4.84
1954-01-30		4.95	1953-12-01		4.94
1953-10-26		4.99	1953-06-23		4.97
1953-05-26		4.96	1953-04-29		4.69
1953-03-23		4.24	1953-02-25		4.24
1953-02-04		4.12	1952-12-22		4.07
1951-12-19		2.44	1951-11-28		2.38
1951-11-02		2.23	1951-09-25		2.15
1951-08-28		2.09	1951-07-24		1.94
1951-06-27		2.00	1951-05-28		1.93
1951-05-01		1.71	1951-03-26		1.43
1951-02-23		1.28	1951-01-29		1.16
1950-12-18		1.07	1950-11-27		0.94
1950-10-30		0.89	1950-09-26		0.66
1950-08-28		0.60	1950-07-26		0.68
1950-07-12		0.73	1950-06-28		0.77
1950-06-13		0.77	1950-06-01		0.95
1950-05-18		0.87	1950-05-04		0.91
1950-04-17		0.93	1950-03-30		0.79

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-03-16		0.82	1950-02-28		0.78
1950-02-09		0.83	1950-01-25		0.73
1950-01-12		0.70	1949-12-27		0.83
1949-12-15		0.77	1949-12-02		0.73
1949-11-17		0.83	1949-11-01		0.68
1949-10-17		0.65	1949-09-29		0.69
1949-09-20		0.61	1949-09-01		0.56
1949-08-19		0.58	1949-07-28		0.48
1949-07-14		0.56	1949-07-06		0.49
1949-06-16		0.41	1949-06-02		0.40
1949-05-12		0.28	1949-04-29		0.16
1949-04-18		0.07	1949-04-04		-0.01
1949-03-21		0.79	1949-03-02		-0.46
1949-02-15		-0.54	1949-01-28		-0.66
1949-01-14		-0.91	1948-12-29		-1.08
1948-12-14		-1.19	1948-09-23		-1.86
1948-09-07		-2.10	1948-08-23		-2.36
1948-08-10		-2.65	1948-07-27		-3.00
1948-07-14		-3.31	1948-06-30		-3.50
1948-06-10		-3.85	1948-05-22		-4.21
1948-05-08		-4.54	1948-04-17		-5.14
1948-04-03		-5.51	1948-03-20		-5.86
1948-03-13		-5.76	1948-02-02		-6.33
1948-01-30		-7.07	1948-01-05		-7.72
1947-12-18		-8.50	1947-11-28		-8.70
1947-11-19		-9.06	1947-10-29		-9.72
1947-10-20		-9.99	1947-10-13		-10.25
1947-10-07		-10.41	1947-09-29		-10.97
1947-09-16		-11.40	1947-08-28		-12.10
1947-08-14		-13.02	1947-07-31		-13.37
1947-07-22		-13.84	1947-07-14		-14.27
1947-07-07		-14.71	1947-07-03		-15.09
1947-07-02		-15.21	1947-07-01		-15.35
1947-06-30		-15.69	1946-06-21		-20.18
1946-06-06		-24.60			
Note: The site was being pumped.					
1944-08-08		-16.76			

**27**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2120931**

Agency cd:	USGS	Site no:	403732073573701
Site name:	K 2582. 1	EDR Site id:	USGS2120931
Latitude:	403732	Dec lat:	40.62565982
Longitude:	0735737	Coor meth:	M
Dec lon:	-73.95986039	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1694		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	Not Reported	Hole depth:	196.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1983-09-22
Water quality data end date:	2003-07-14	Water quality data count:	7
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**28**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120393**

Agency cd:	USGS	Site no:	403857073563408
Site name:	K 1264. 1	EDR Site id:	USGS2120393
Latitude:	403857	Dec lat:	40.64927046
Longitude:	0735634	Coor meth:	M
Dec lon:	-73.94235992	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1572		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	67.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1933-04-21  
 Ground water data count: 352

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1960-12-06

Ground-water levels, Number of Measurements: 352

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-12-06		5.65	1960-11-02		5.59
1960-09-28		5.61	1960-08-30		5.53
1960-07-21		6.26	1960-06-30		6.30
1960-06-02		6.37	1960-05-04		6.47
1960-03-29		6.58	1960-03-08		6.71
1959-10-06		6.50	1959-09-03		6.16
1959-08-04		6.25	1959-07-02		6.43
1959-06-02		6.28	1959-05-06		6.61
1958-12-09		5.78	1958-10-30		5.83
1958-10-07		5.86	1958-08-28		5.99
1958-07-29		6.09	1958-06-30		6.10
1958-05-29		6.01	1958-05-01		5.53
1958-04-02		5.09	1958-03-03		5.13
1958-01-28		4.98	1957-12-30		4.81
1957-11-22		4.81	1957-10-30		4.91
1957-09-24		5.04	1957-08-27		5.12
1957-07-24		5.28	1957-06-27		5.43
1957-05-28		5.54	1957-04-24		5.24
1957-03-27		5.22	1957-02-27		5.02
1957-01-25		5.64	1956-12-20		5.17
1956-11-29		5.19	1956-10-25		5.10
1956-09-26		5.19	1956-09-04		5.22
1956-08-02		5.32	1956-07-03		5.44
1956-06-05		5.54	1956-05-03		5.34
1956-03-29		5.41	1956-03-06		5.11
1956-02-03		5.24	1955-12-22		5.34
1955-12-02		5.40	1955-11-04		4.94
1955-10-07		4.93	1955-08-25		4.83
1955-07-26		4.50	1955-06-23		4.71
1955-05-24		4.81	1955-04-28		4.75
1955-03-29		4.59	1955-02-25		4.53
1955-01-26		4.61	1954-12-28		4.41
1954-12-02		4.36	1954-11-02		4.27
1954-10-05		4.37	1954-08-23		4.09
1954-07-29		4.22	1954-06-30		4.21
1954-05-26		4.60	1954-04-29		4.66
1954-03-27		4.70	1954-02-27		4.16
1953-12-26		4.28	1953-12-21		4.39
1953-12-01		4.17	1953-10-26		4.76
1953-09-30		4.45	1953-08-27		4.89
1953-07-31		4.80	1953-06-23		4.53
1953-05-26		4.40	1953-04-28		4.18
1953-03-23		3.63	1953-02-26		3.54
1953-02-04		3.41	1952-12-22		3.36
1952-12-02		3.36	1952-11-03		3.49
1952-09-23		3.49	1952-08-26		3.42
1952-07-25		3.31	1952-06-23		3.21
1952-05-26		2.90	1952-04-28		2.80
1952-03-20		2.52	1952-02-19		2.19
1952-01-28		1.85	1951-12-19		1.71

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1951-11-28		2.06	1951-11-02		1.85
1951-09-25		1.49	1951-08-27		1.48
1951-07-24		1.36	1951-06-27		1.47
1951-05-28		1.46	1951-05-01		1.16
1951-03-26		0.86	1951-02-23		0.61
1951-01-29		0.34	1950-12-18		0.28
1950-11-27		0.15	1950-10-30		0.13
1950-09-26		-0.04	1950-08-28		0.02
1950-07-26		0.10	1950-07-12		0.15
1950-06-28		0.15	1950-06-13		0.13
1950-06-01		0.19	1950-05-18		0.12
1950-05-04		0.14	1950-04-17		0.08
1950-03-30		-0.09	1950-03-16		-0.08
1950-02-28		-0.16	1950-02-09		-0.15
1950-01-25		-0.26	1950-01-12		-0.30
1949-12-27		-0.30	1949-12-15		-0.27
1949-11-30		-0.20	1949-11-17		-0.22
1949-11-01		-0.31	1949-10-17		-0.34
1949-09-29		-0.28	1949-09-20		-0.28
1949-09-01		-0.27	1949-08-19		-0.22
1949-07-28		-0.23	1949-07-14		-0.21
1949-06-30		-0.30	1949-06-16		-0.32
1949-06-01		-0.40	1949-05-12		-0.51
1949-04-28		-0.61	1949-04-18		-0.74
1949-04-04		-0.96	1949-03-21		-0.85
1949-03-02		-1.08	1949-02-23		-1.36
1949-02-15		-1.64	1949-01-26		-1.82
1949-01-14		-1.87	1948-12-28		-2.08
1948-12-13		-2.13	1948-11-24		-2.18
1948-11-03		-2.25	1948-10-21		-2.37
1948-10-04		-2.52	1948-09-01		-2.80
1948-07-29		-3.59	1948-06-30		-4.09
1948-06-02		-4.58	1948-04-28		-5.48
1948-03-26		-6.36	1948-02-28		-7.02
1948-02-03		-7.72	1948-01-05		-8.42
1947-12-18		-9.18	1947-11-26		-9.39
1947-11-19		-9.76	1947-10-29		-10.38
1947-10-20		-10.61	1947-10-13		-10.81
1947-10-06		-11.02	1947-09-29		-11.27
1947-09-15		-12.02	1947-08-27		-12.44
1947-08-14		-13.00	1947-07-31		-13.67
1947-07-22		-14.11	1947-07-16		-14.66
1947-07-07		-14.89	1947-07-02		-15.20
1947-07-01		-15.29	1947-06-30		-15.39
1947-06-24		-15.48	1947-05-27		-15.50
1947-05-07		-15.56	1947-04-03		-15.56
1947-03-05		-15.50	1947-01-27		-15.39
1946-12-30		-15.33	1946-11-26		-15.09
1946-10-22		-14.80	1946-09-27		-14.17
1946-08-29		-14.33	1946-07-30		-14.26
1946-07-05		-14.30	1946-06-18		-14.44
1946-05-09		-14.51	1946-04-12		-14.43
1946-03-04		-14.49	1946-02-08		-14.59
1946-01-10		-14.75	1945-12-04		-14.78
1945-11-06		-14.74	1945-09-28		-14.54

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1945-09-12		-14.46	1945-08-07		-14.58
1945-07-03		-14.77	1945-06-05		-14.67
1945-04-27		-14.81	1945-04-04		-14.77
1945-03-05		-14.86	1945-01-03		-14.95
1944-12-04		-15.12	1944-10-28		-15.16
1944-10-04		-15.14	1944-09-01		-14.93
1944-08-01		-14.10	1944-07-04		-13.88
1944-06-03		-13.91	1944-04-25		-14.21
1944-03-28		-14.16	1944-03-07		-14.22
1944-01-29		-14.81	1944-01-01		-14.88
1943-11-27		-14.61	1943-10-30		-14.77
1943-09-25		-14.71	1943-08-28		-14.58
1943-07-31		-14.48	1943-06-26		-14.46
1943-05-29		-14.37	1943-05-01		-14.46
1943-03-27		-14.62	1943-02-27		-14.78
1943-01-30		-14.68	1943-01-02		-14.81
1942-12-26		-14.83	1942-12-12		-14.96
1942-11-28		-14.92	1942-11-21		-14.97
1942-11-14		-14.99	1942-11-07		-15.02
1942-10-31		-15.03	1942-10-24		-15.02
1942-10-17		-15.04	1942-10-10		-15.04
1942-10-03		-15.01	1942-09-26		-15.06
1942-09-19		-15.02	1942-09-12		-15.13
1942-09-05		-15.02	1942-08-29		-14.97
1942-08-22		-15.15	1942-08-15		-15.07
1942-08-08		-15.09	1942-08-01		-15.12
1942-07-25		-15.17	1942-07-18		-15.00
1942-07-11		-15.08	1942-07-04		-15.07
1942-06-27		-14.98	1942-06-20		-14.95
1942-06-13		-14.93	1942-06-06		-14.95
1942-05-30		-14.94	1942-05-23		-14.94
1942-05-16		-14.95	1942-05-09		-14.95
1942-05-02		-14.94	1942-04-25		-14.91
1942-04-18		-14.91	1942-04-11		-14.91
1942-04-04		-14.91	1942-03-28		-14.92
1942-03-21		-14.96	1942-03-14		-14.91
1942-03-07		-14.89	1942-02-28		-14.85
1942-02-21		-14.83	1942-02-14		-14.85
1942-02-07		-14.75	1942-01-31		-14.74
1942-01-24		-14.77	1942-01-17		-14.79
1942-01-10		-14.89	1942-01-03		-14.88
1941-12-27		-14.90	1941-12-20		-14.92
1941-12-13		-14.95	1941-12-06		-14.95
1941-11-29		-15.01	1941-11-22		-14.99
1941-11-15		-14.85	1941-11-08		-14.81
1941-11-01		-14.80	1941-10-25		-14.75
1941-10-18		-14.71	1941-10-11		-14.67
1941-10-04		-14.64	1941-09-27		-14.59
1941-09-20		-14.52	1941-09-13		-14.46
1941-09-06		-14.39	1941-08-30		-14.71
1941-08-23		-14.34	1941-08-16		-14.39
1941-08-09		-14.23	1941-08-02		-14.21
1941-07-26		-14.22	1941-07-19		-14.26
1941-07-12		-14.23	1941-07-05		-14.22
1941-06-28		-14.20	1941-06-21		-14.12

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-06-14		-14.08	1941-06-07		-14.05
1941-05-31		-14.03	1941-05-24		-13.97
1941-05-17		-13.96	1941-05-10		-13.95
1941-05-03		-13.94	1935-10-24		-9.80
1935-07-01		-9.81	1935-05-28		-9.83
1935-04-01		-9.83	1935-03-04		-9.82
1934-12-07		-9.73	1934-11-09		-9.88
1934-10-18		-9.92	1934-09-20		-9.80
1934-08-21		-10.88	1934-08-01		-10.65
1934-07-09		-10.75	1934-06-13		-10.55
1934-04-11		-10.21	1934-03-22		-10.15
1934-01-09		-9.91	1933-12-11		-9.78
1933-11-22		-9.76	1933-11-02		-9.61
1933-09-28		-9.51	1933-08-30		-10.24
1933-08-09		-9.57	1933-07-26		-9.48
1933-06-28		-9.42	1933-04-21		-9.65

29

**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS2291818**

Agency cd:	USGS	Site no:	403900073572801
Site name:	K 1641. 1	EDR Site id:	USGS2291818
Latitude:	403900	Dec lat:	40.65010377
Longitude:	0735728	Coor meth:	M
Dec lon:	-73.95736034	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1502		
Altitude:	50.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	204.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**30**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2120832**

Agency cd:	USGS	Site no:	403818073581001
Site name:	K 530. 1	EDR Site id:	USGS2120832
Latitude:	403818	Dec lat:	40.63843734
Longitude:	0735810	Coor meth:	M
Dec lon:	-73.96902732	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1557		
Altitude:	40.1		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Southern Long Island. New York. Area = 1660 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	167.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1946-06-05	Ground water data end date:	1978-10-02
Ground water data count:	266		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

## OTHER STATE DATABASE INFORMATION

#### Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

### RADON

#### State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

---

## **APPENDIX C**

**Supplemental Information**  
**(Sanborn Maps are provided in the electronic copy only)**

---



**1345-57 Rogers Avenue**

1345 Rogers Avenue

Brooklyn, NY 11210

Inquiry Number: 3483616.5

December 26, 2012

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

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

## **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

**Date EDR Searched Historical Sources:**

Aerial Photography December 26, 2012

**Target Property:**

1345 Rogers Avenue

Brooklyn, NY 11210

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1924	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: July 01, 1924	EDR
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Composite DOQQ - acquisition dates: April 04, 1994	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2006	EDR



22 B

INQUIRY #: 3483616.5

YEAR: 1924

| = 500'





**INQUIRY #:** 3483616.5

**YEAR:** 1954

 = 500'





**INQUIRY #:** 3483616.5

**YEAR:** 1966

 = 500'



INQUIRY #: 3483616.5

YEAR: 1975



| = 500'





**INQUIRY #:** 3483616.5

**YEAR:** 1984

| = 500'





**INQUIRY #:** 3483616.5

**YEAR:** 1994

| = 500'





**INQUIRY #:** 3483616.5

**YEAR:** 2006

 = 500'





**1345-57 Rogers Avenue**

1345 Rogers Avenue

Brooklyn, NY 11210

Inquiry Number: 3483616.4

December 26, 2012

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

## **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# Historical Topographic Map



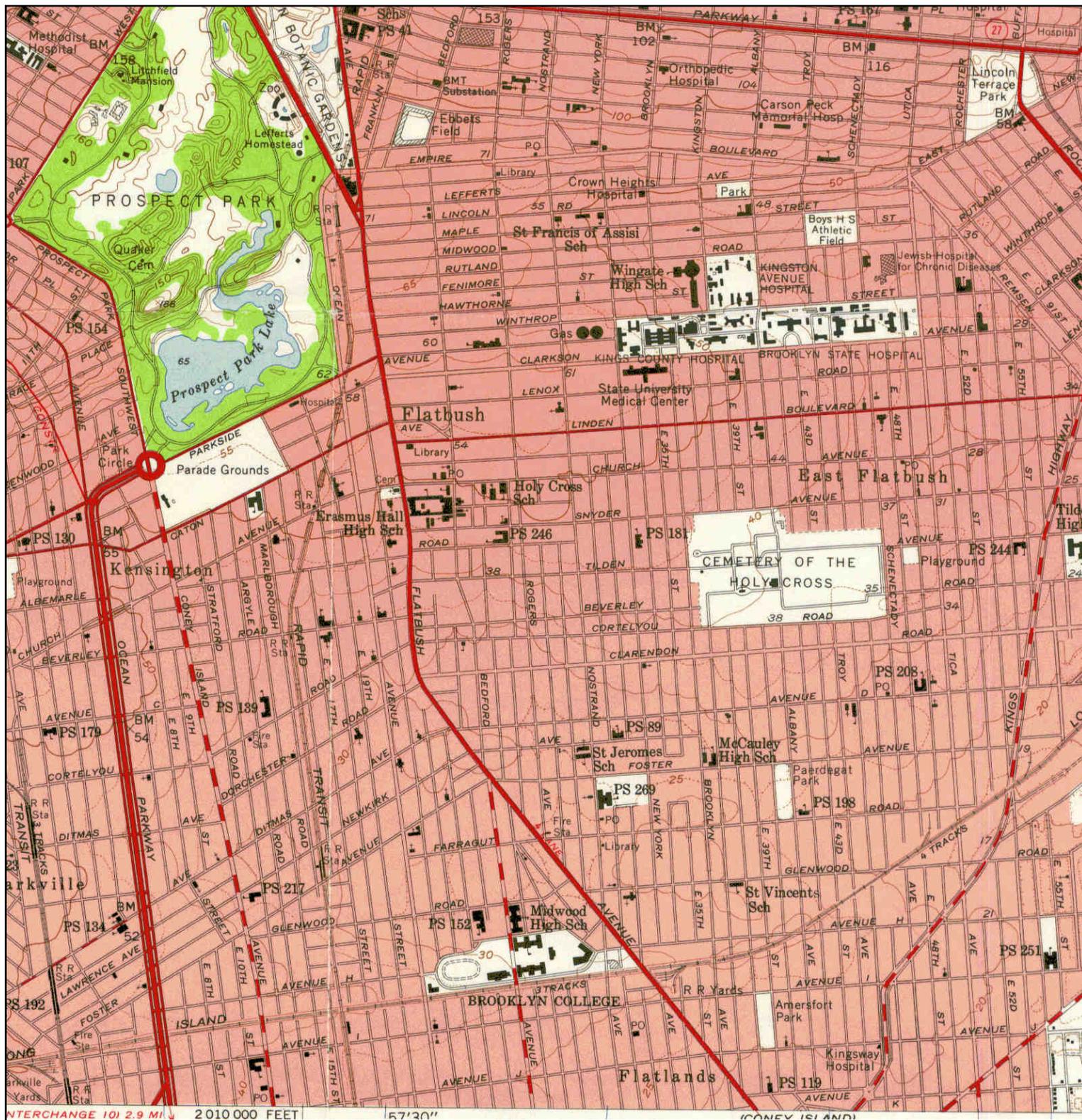
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: BROOKLYN                  MAP YEAR: 1900</p>	<p><b>SITE NAME:</b> 1345-57 Rogers Avenue  <b>ADDRESS:</b> 1345 Rogers Avenue                  Brooklyn, NY 11210  <b>LAT/LONG:</b> 40.6372 / -73.951</p>	<p><b>CLIENT:</b> CA Rich Consultants, Inc.  <b>CONTACT:</b> Jessica Proscia  <b>INQUIRY#:</b> 3483616.4  <b>RESEARCH DATE:</b> 12/26/2012</p>
	<p><b>SERIES:</b> 15  <b>SCALE:</b> 1:62500</p>		

# Historical Topographic Map



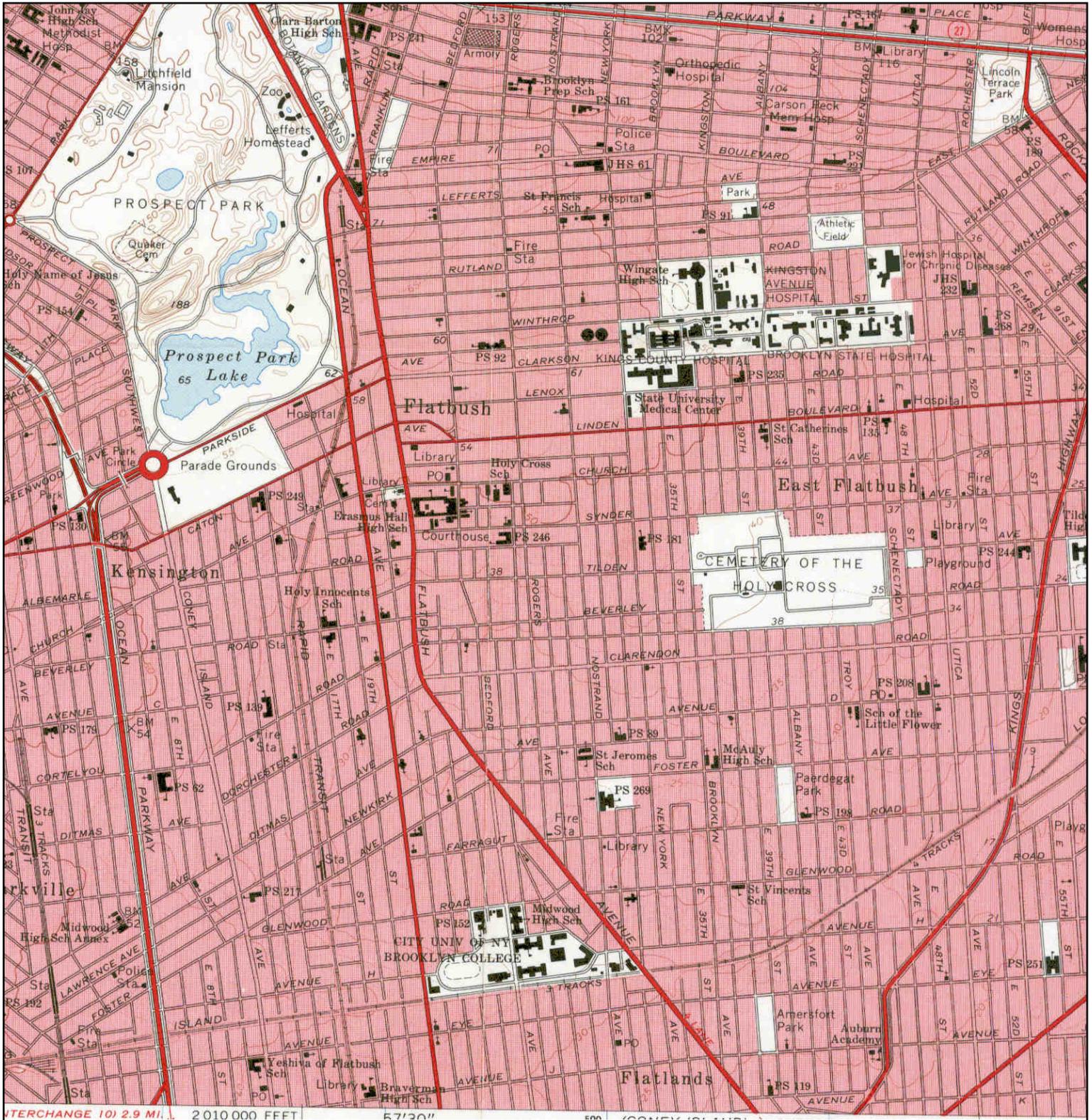
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: BROOKLYN                  MAP YEAR: 1947</p>	<p><b>SITE NAME:</b> 1345-57 Rogers Avenue  <b>ADDRESS:</b> 1345 Rogers Avenue                  Brooklyn, NY 11210  <b>LAT/LONG:</b> 40.6372 / -73.951</p>	<p><b>CLIENT:</b> CA Rich Consultants, Inc.  <b>CONTACT:</b> Jessica Proscia  <b>INQUIRY#:</b> 3483616.4  <b>RESEARCH DATE:</b> 12/26/2012</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:25000</p>		

# Historical Topographic Map



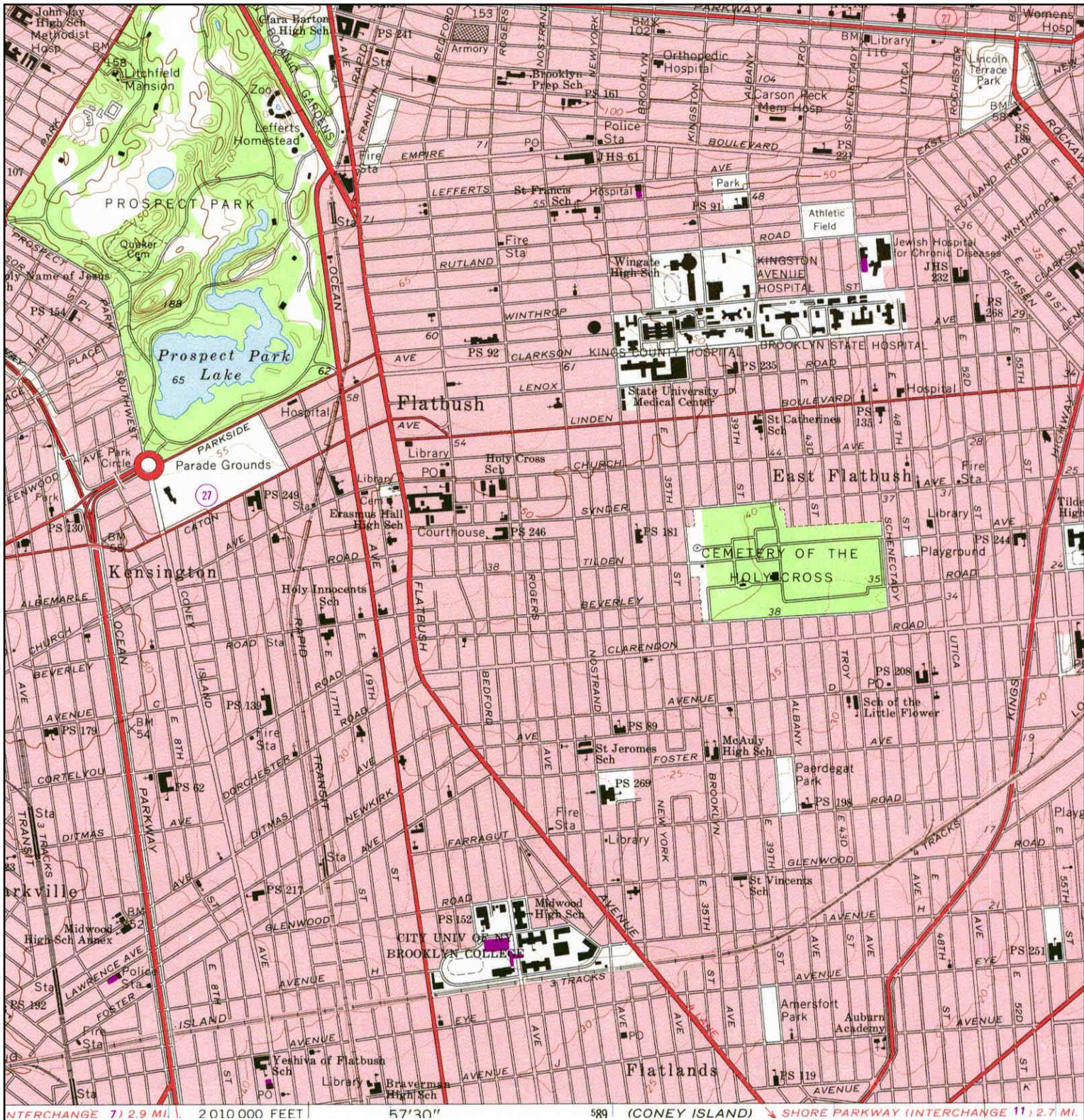
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: BROOKLYN                  MAP YEAR: 1956</p>	<p><b>SITE NAME:</b> 1345-57 Rogers Avenue  <b>ADDRESS:</b> 1345 Rogers Avenue                  Brooklyn, NY 11210  <b>LAT/LONG:</b> 40.6372 / -73.951</p>	<p><b>CLIENT:</b> CA Rich Consultants, Inc.  <b>CONTACT:</b> Jessica Proscia  <b>INQUIRY#:</b> 3483616.4  <b>RESEARCH DATE:</b> 12/26/2012</p>
	<p>SERIES: 7.5                  SCALE: 1:24000</p>		

# Historical Topographic Map



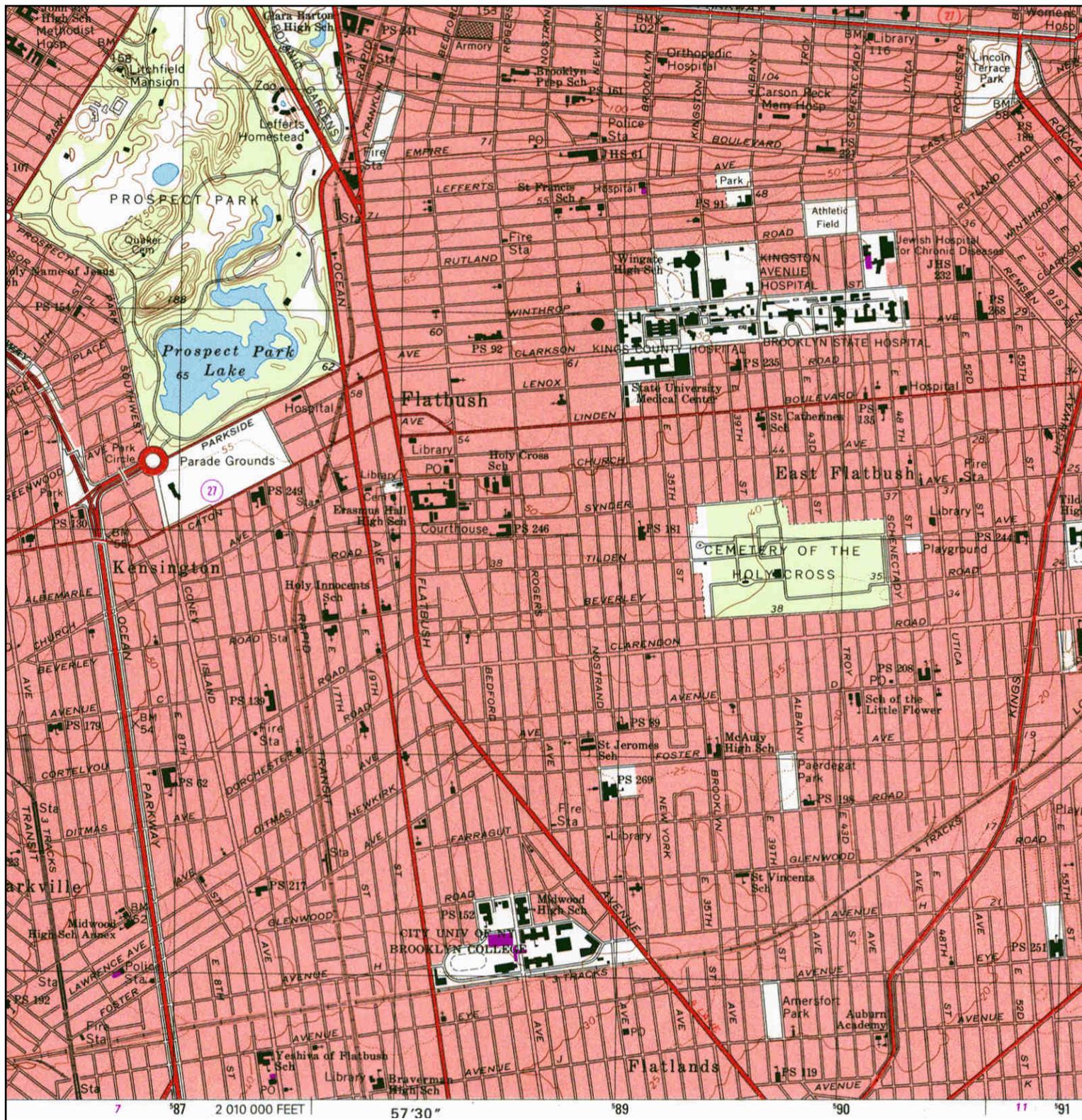
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 1345-57 Rogers Avenue	<b>CLIENT:</b> CA Rich Consultants, Inc.
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 1345 Rogers Avenue	<b>CONTACT:</b> Jessica Proscia
	<b>MAP YEAR:</b> 1967	<b>BROOKLYN, NY 11210</b>	<b>INQUIRY#:</b> 3483616.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 40.6372 / -73.951	<b>RESEARCH DATE:</b> 12/26/2012
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 1345-57 Rogers Avenue	<b>CLIENT:</b> CA Rich Consultants, Inc.
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 1345 Rogers Avenue	<b>CONTACT:</b> Jessica Proscia
	<b>MAP YEAR:</b> 1979	<b>BROOKLYN, NY 11210</b>	<b>INQUIRY#:</b> 3483616.4
	<b>PHOTOREVISED FROM :</b> 1967	<b>LAT/LONG:</b> 40.6372 / -73.951	<b>RESEARCH DATE:</b> 12/26/2012
	<b>SERIES:</b> 7.5		
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> 1345-57 Rogers Avenue	<b>CLIENT:</b> CA Rich Consultants, Inc.
	<b>NAME:</b> BROOKLYN	<b>ADDRESS:</b> 1345 Rogers Avenue	<b>CONTACT:</b> Jessica Proscia
	<b>MAP YEAR:</b> 1995	<b>BROOKLYN, NY</b> 11210	<b>INQUIRY#:</b> 3483616.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 40.6372 / -73.951	<b>RESEARCH DATE:</b> 12/26/2012
	<b>SCALE:</b> 1:24000		



**1345-57 Rogers Avenue**

1345 Rogers Avenue

Brooklyn, NY 11210

Inquiry Number: 3483616.3

December 26, 2012

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

12/26/12

**Site Name:**

1345-57 Rogers Avenue  
1345 Rogers Avenue  
Brooklyn, NY 11210

**Client Name:**

CA Rich Consultants, Inc.  
17 Dupont Street  
Plainview, NY 11803



EDR Inquiry # 3483616.3

Contact: Jessica Proscia

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by CA Rich Consultants, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** 1345-57 Rogers Avenue  
**Address:** 1345 Rogers Avenue  
**City, State, Zip:** Brooklyn, NY 11210  
**Cross Street:**  
**P.O. #** 12-DOE-2a &2b  
**Project:** NA  
**Certification #** CA1D-41A2-9179



Sanborn® Library search results  
Certification # CA1D-41A2-9179

**Maps Provided:**

2007	2001	1989	1979	1907
2006	1996	1988	1977	
2005	1995	1987	1969	
2004	1993	1983	1968	
2003	1992	1981	1950	
2002	1990	1980	1930	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

## Limited Permission To Make Copies

CA Rich Consultants, Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

### Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 2007 Source Sheets



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

### 2006 Source Sheets



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

### 2005 Source Sheets



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

### 2004 Source Sheets



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**2003 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**2002 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**2001 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1996 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1995 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1993 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1992 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1990 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1989 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1988 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2

**1987 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1983 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1981 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1980 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1979 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1977 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1969 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1968 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2

**1950 Source Sheets**



Volume 13, Sheet 1



Volume 15, Sheet 1



Volume 15, Sheet 2

**1930 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2



Volume 13, Sheet 1

**1907 Source Sheets**



Volume 15, Sheet 1



Volume 15, Sheet 2

# 2007 Certified Sanborn Map



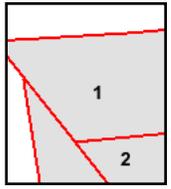
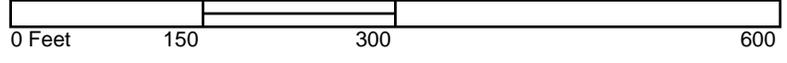
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



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



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 2006 Certified Sanborn Map



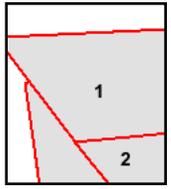
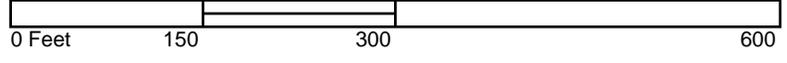
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 2006



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



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 2005 Certified Sanborn Map



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

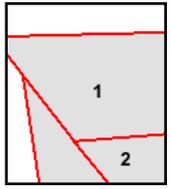
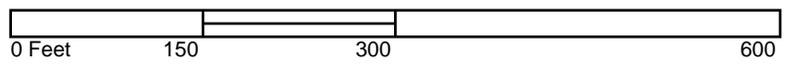
Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 2005

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



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 2004 Certified Sanborn Map



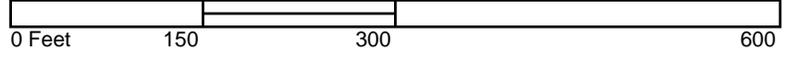
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179



Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179  
 Copyright: 2004

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



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 2003 Certified Sanborn Map



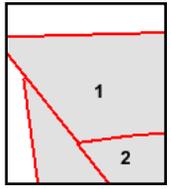
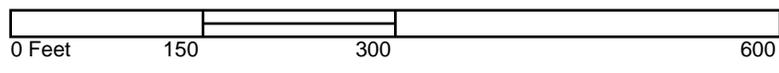
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179



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



Volume 13, Sheet 1  
 Volume 15, Sheet 1  
 Volume 15, Sheet 2



# 2002 Certified Sanborn Map



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

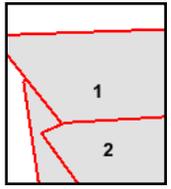
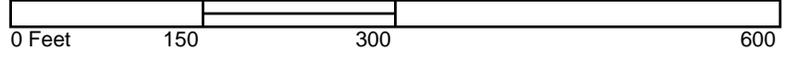
Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 2002

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



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 2001 Certified Sanborn Map



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

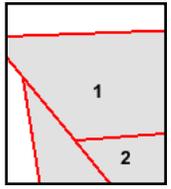
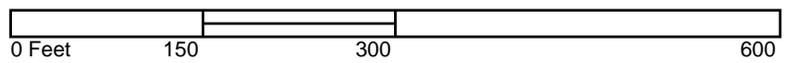
Certification #  
CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 2001

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



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1996 Certified Sanborn Map



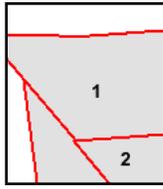
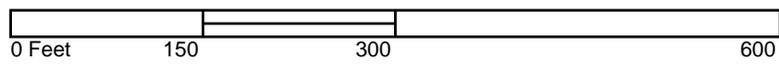
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



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



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1995 Certified Sanborn Map



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

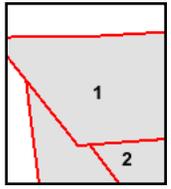
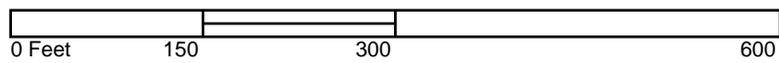
Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 1995

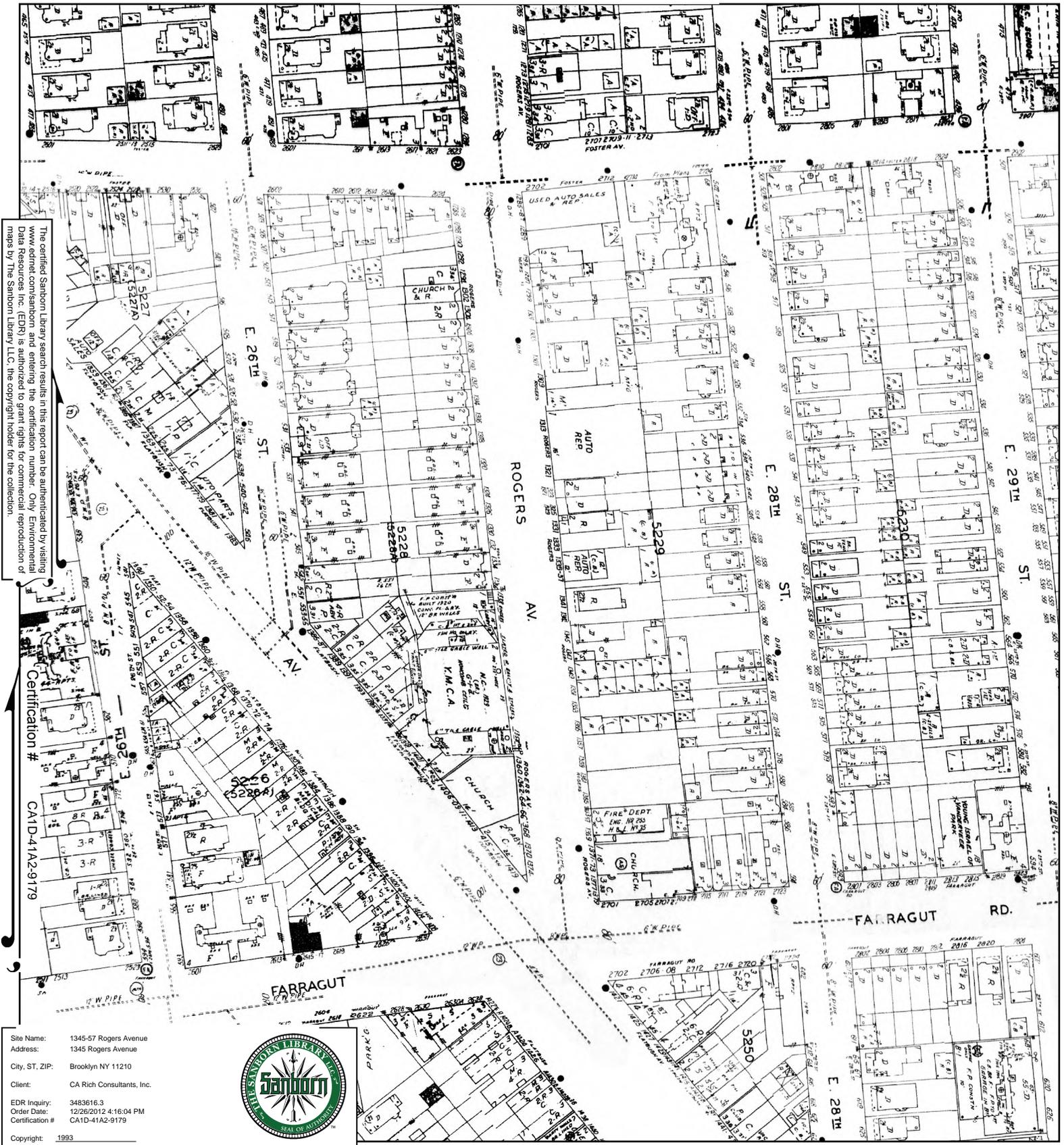
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1993 Certified Sanborn Map



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

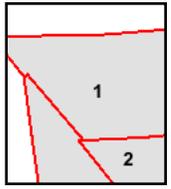
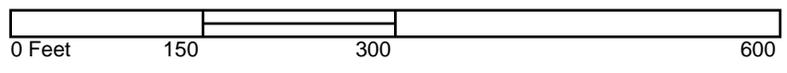
Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 1993

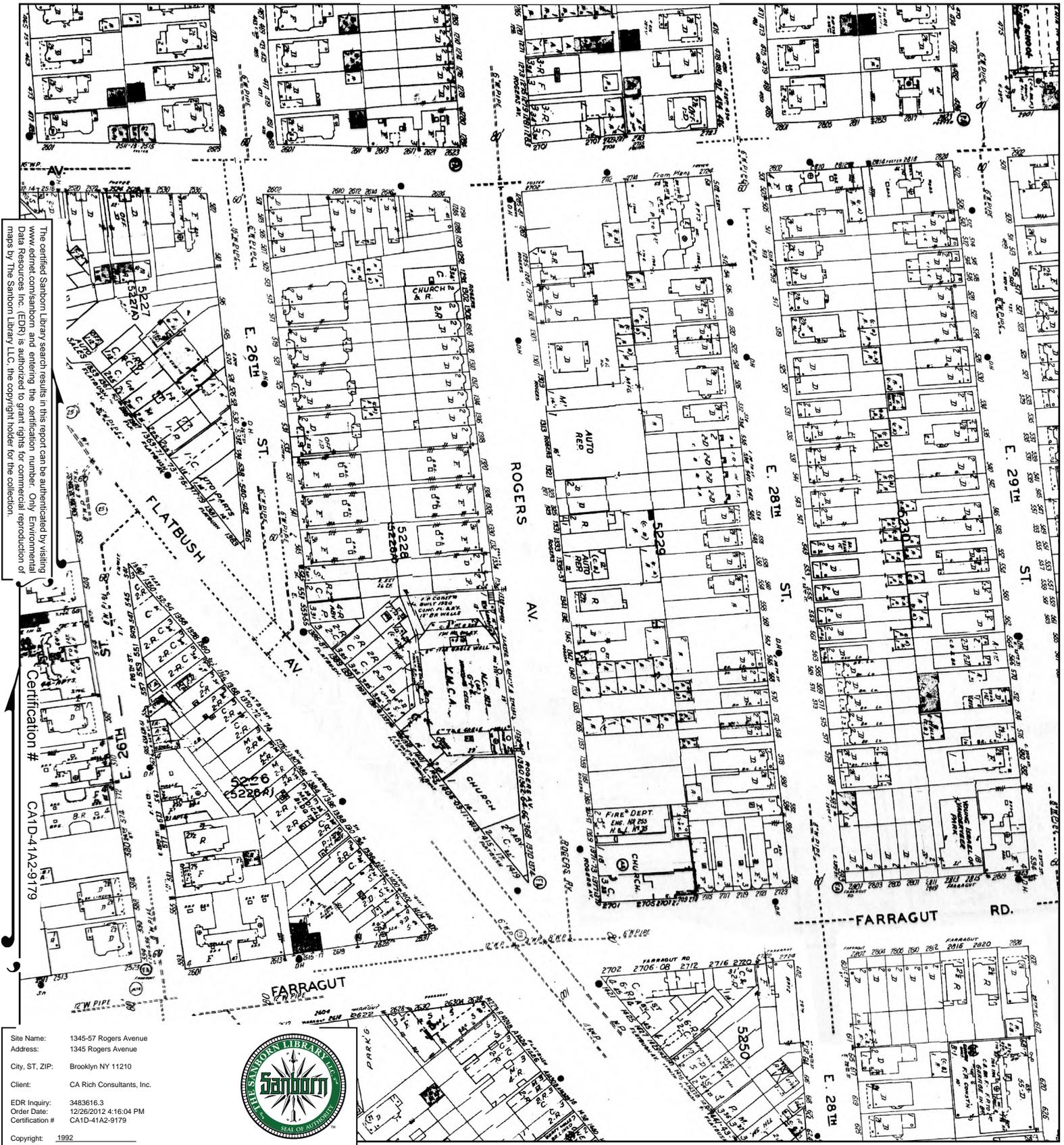
This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1992 Certified Sanborn Map



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

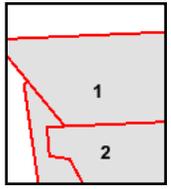
Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



Copyright: 1992

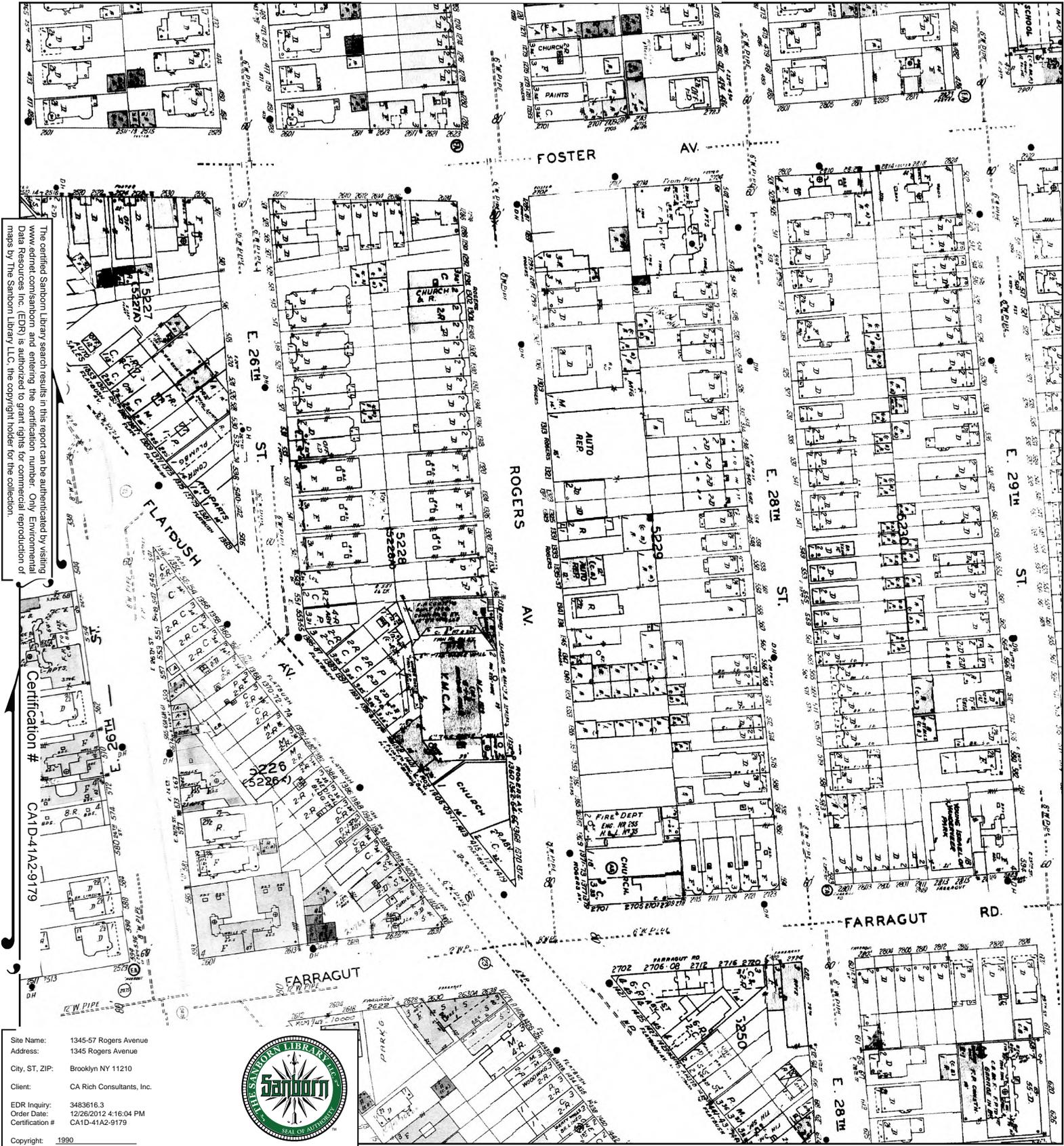
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1990 Certified Sanborn Map



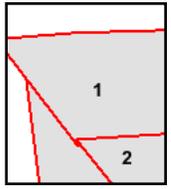
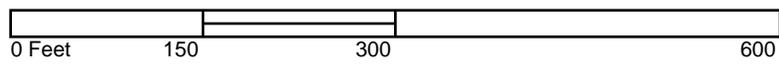
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1990



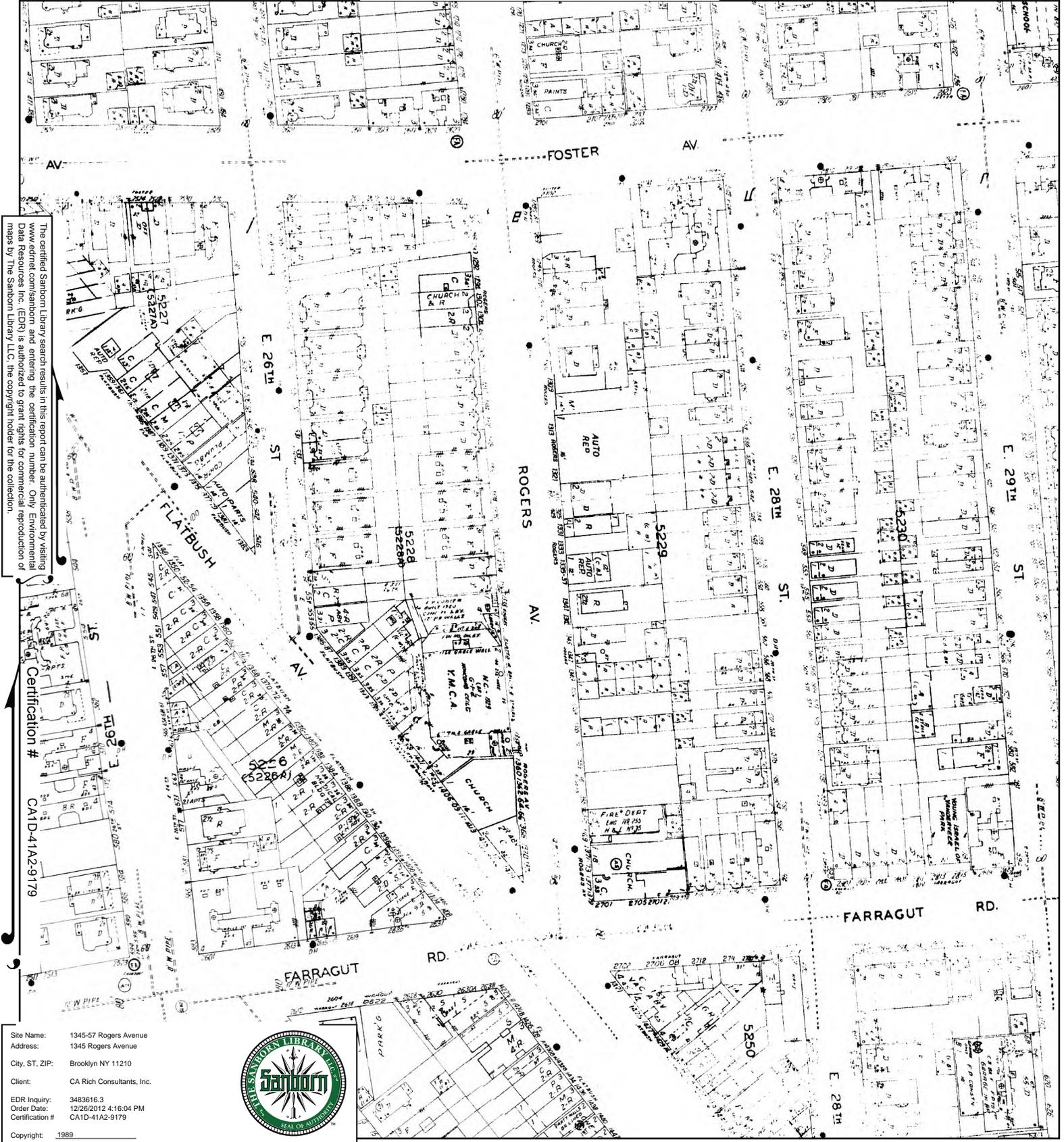
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1989 Certified Sanborn Map



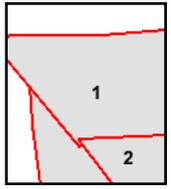
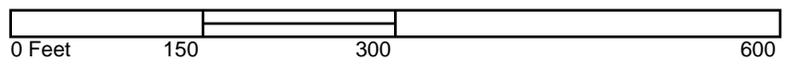
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179



Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179  
 Copyright: 1989

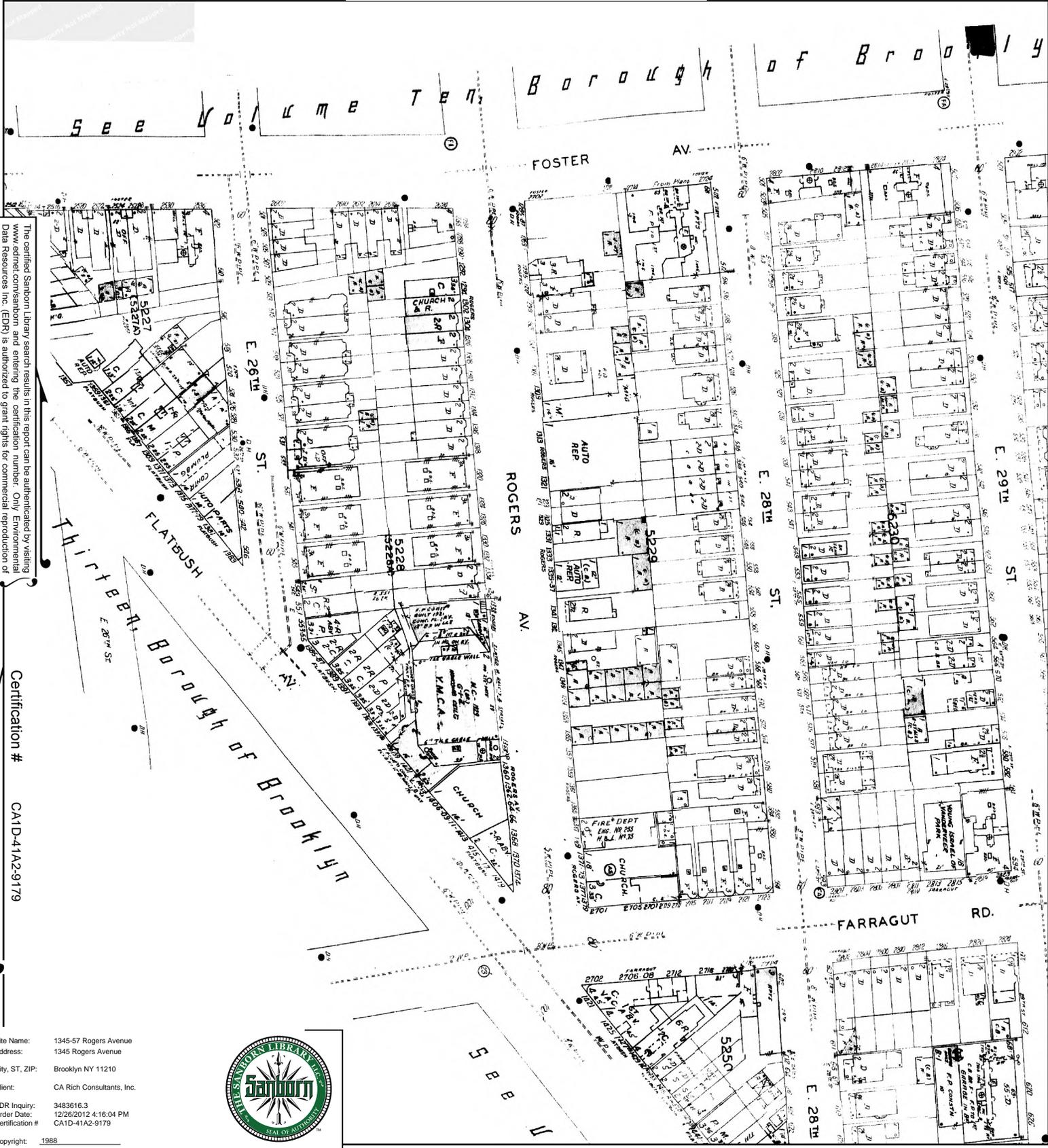
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1988 Certified Sanborn Map



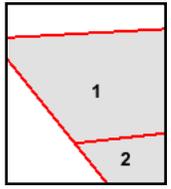
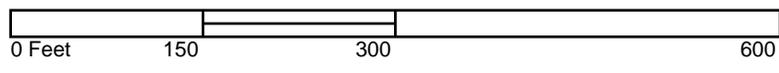
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1988



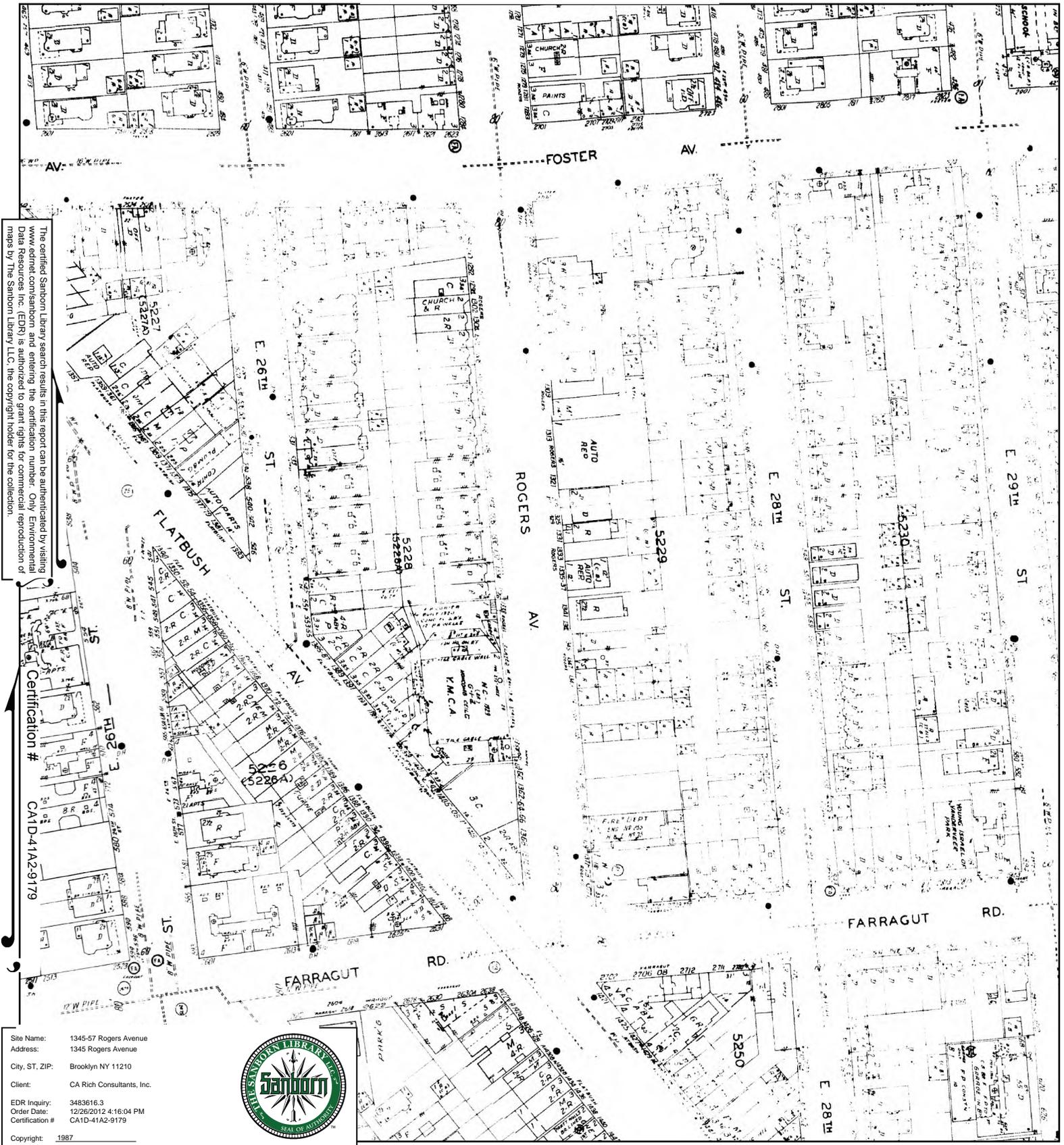
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 15, Sheet 1  
 Volume 15, Sheet 2



# 1987 Certified Sanborn Map



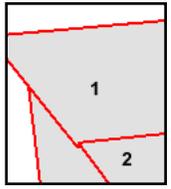
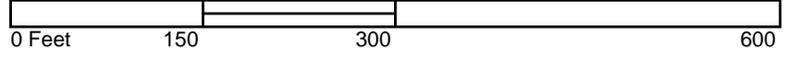
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1987



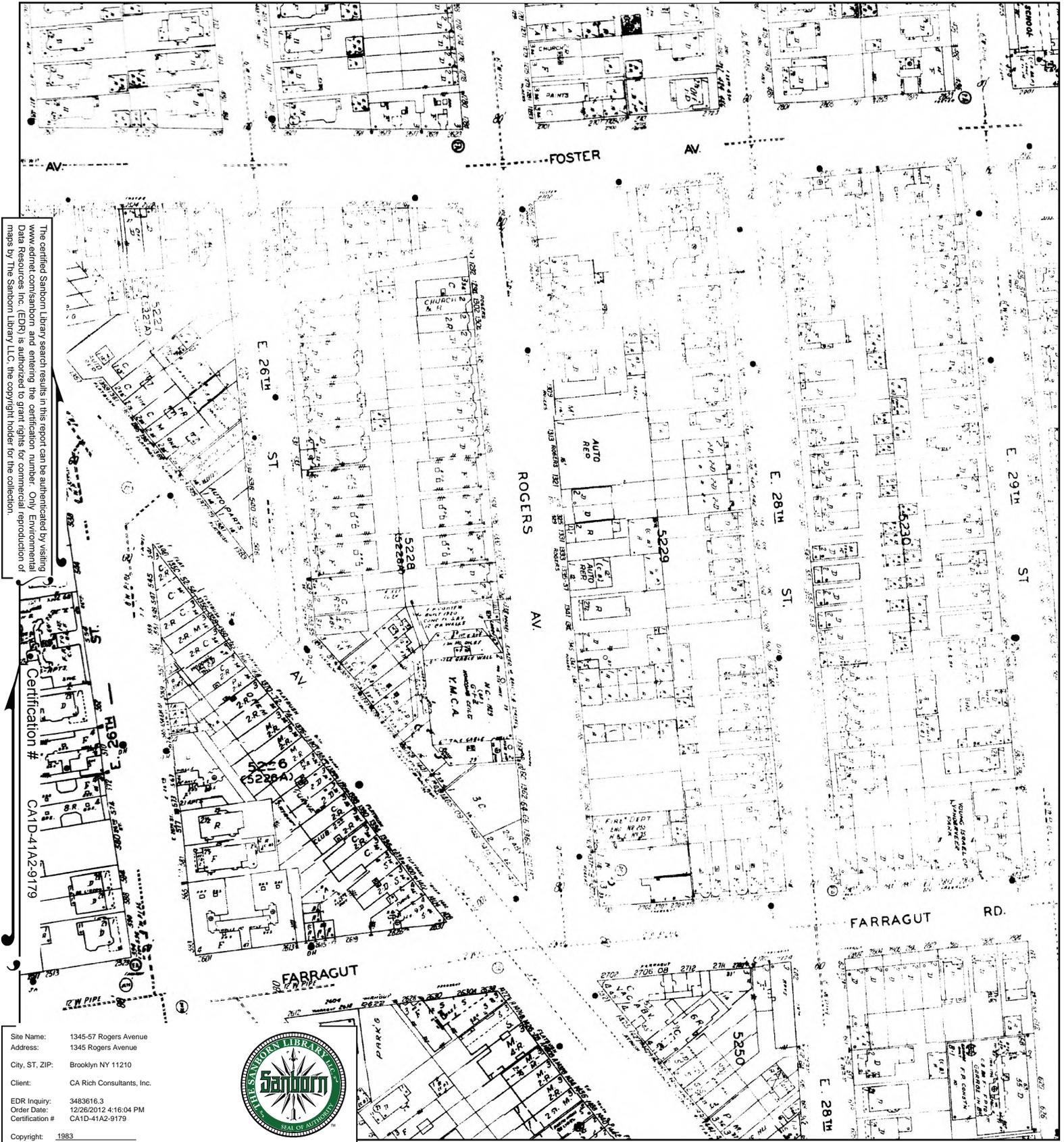
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1983 Certified Sanborn Map



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

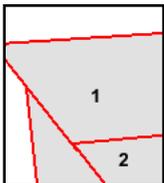
Certification #  
CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179

Copyright: 1983



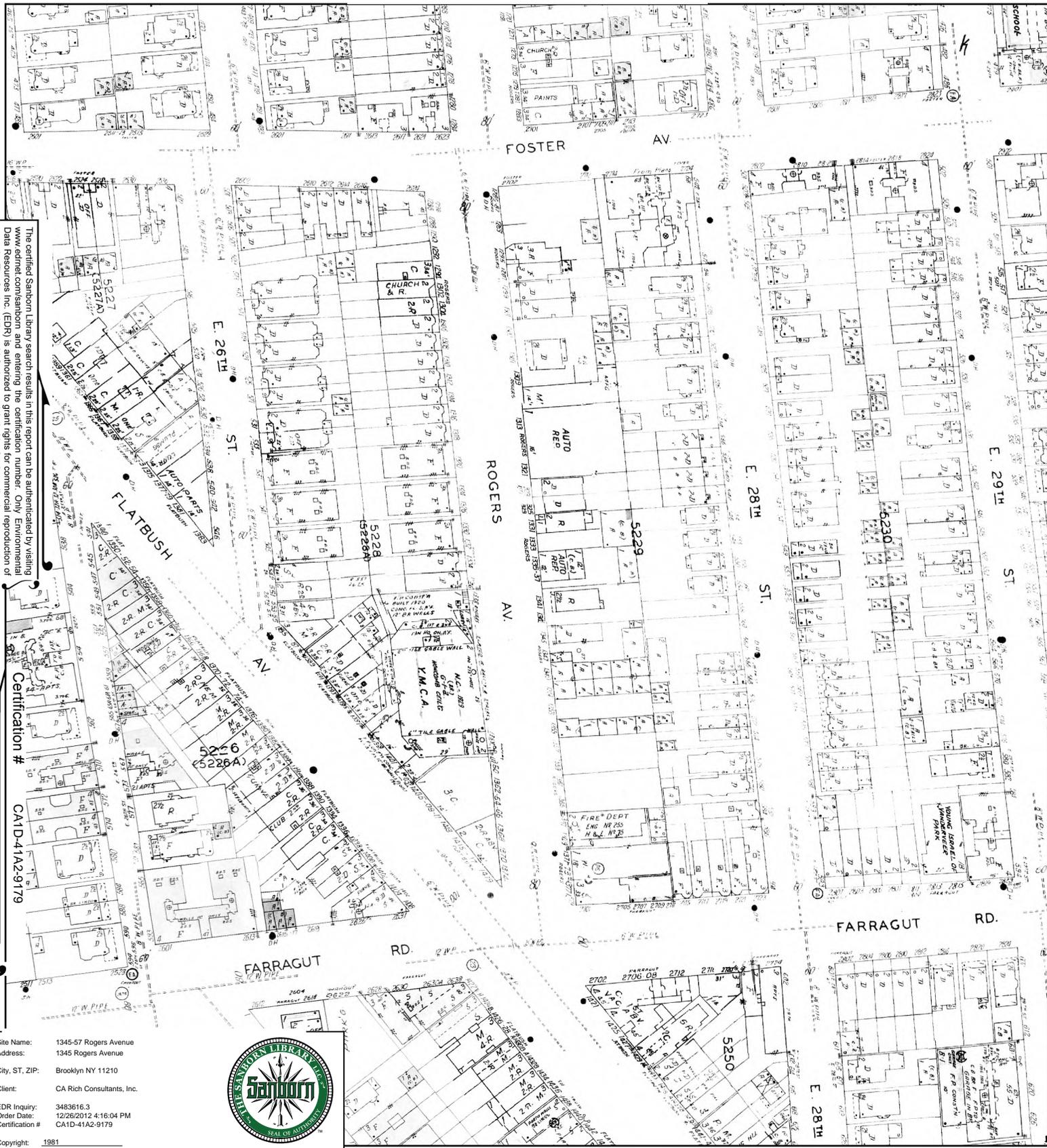
This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1981 Certified Sanborn Map



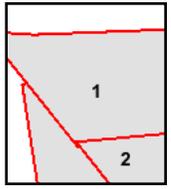
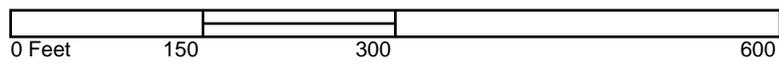
The certified Sanborn Map search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1981



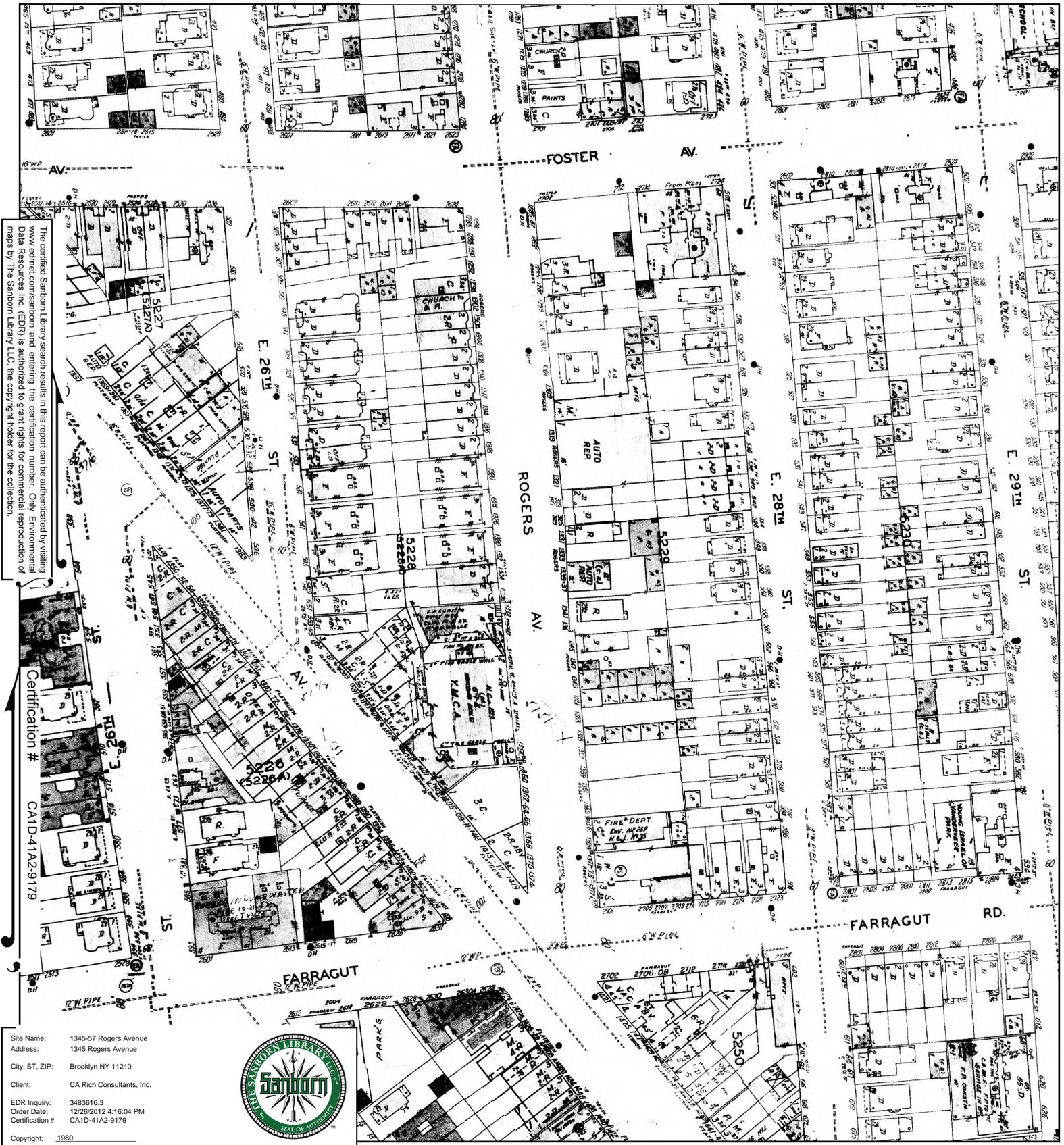
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1980 Certified Sanborn Map



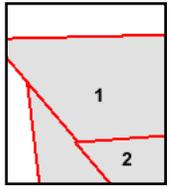
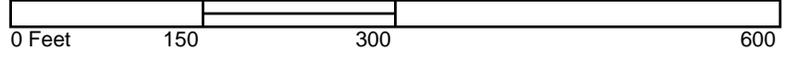
The certified Sanborn Library search results in this report can be authenticated by visiting [www.ednr.com/sanborn](http://www.ednr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1980



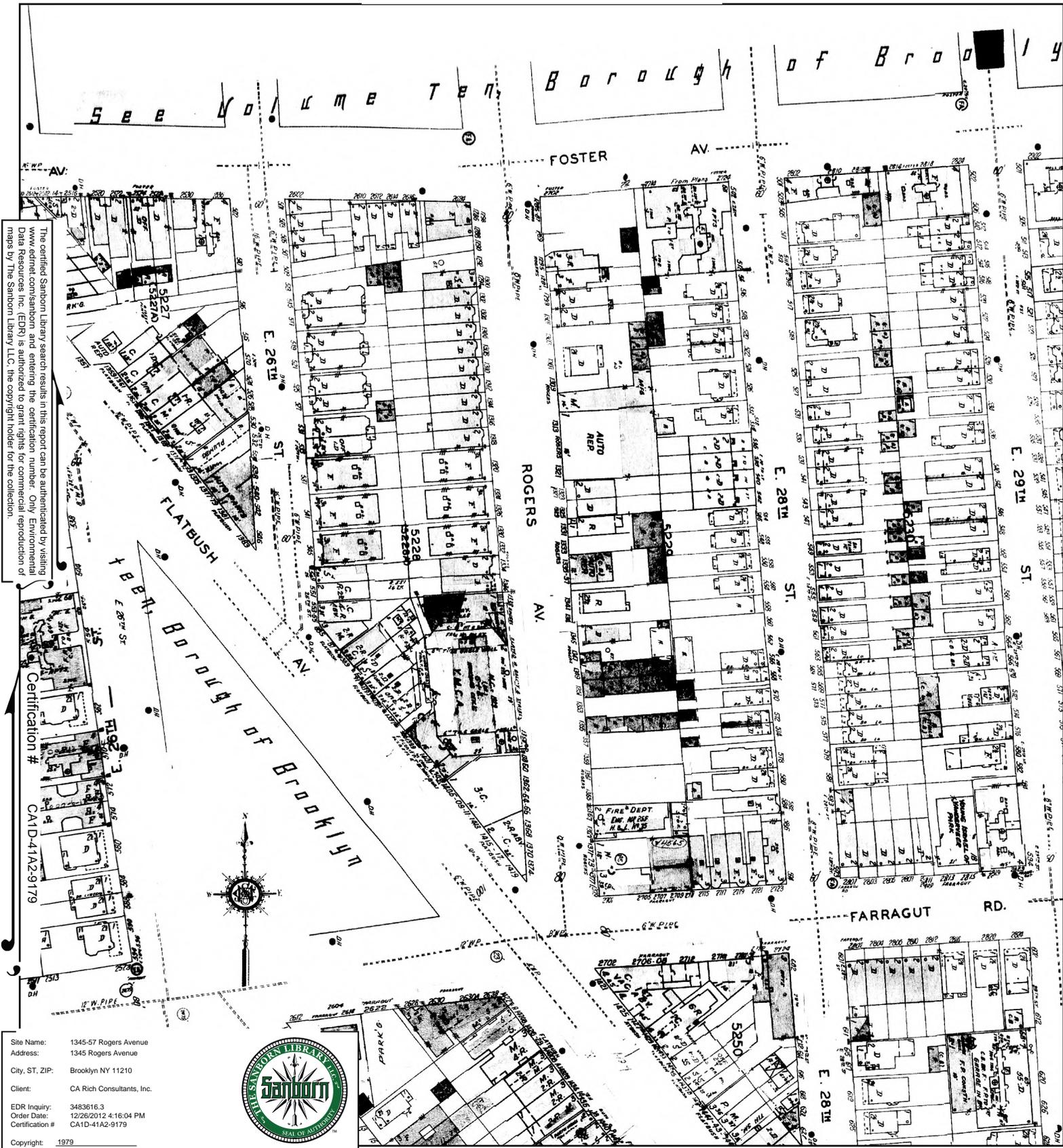
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1979 Certified Sanborn Map



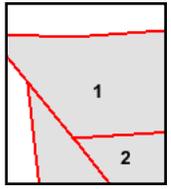
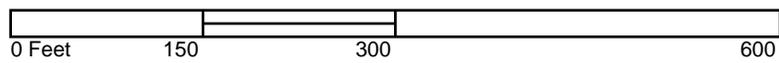
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179  
 Copyright: 1979



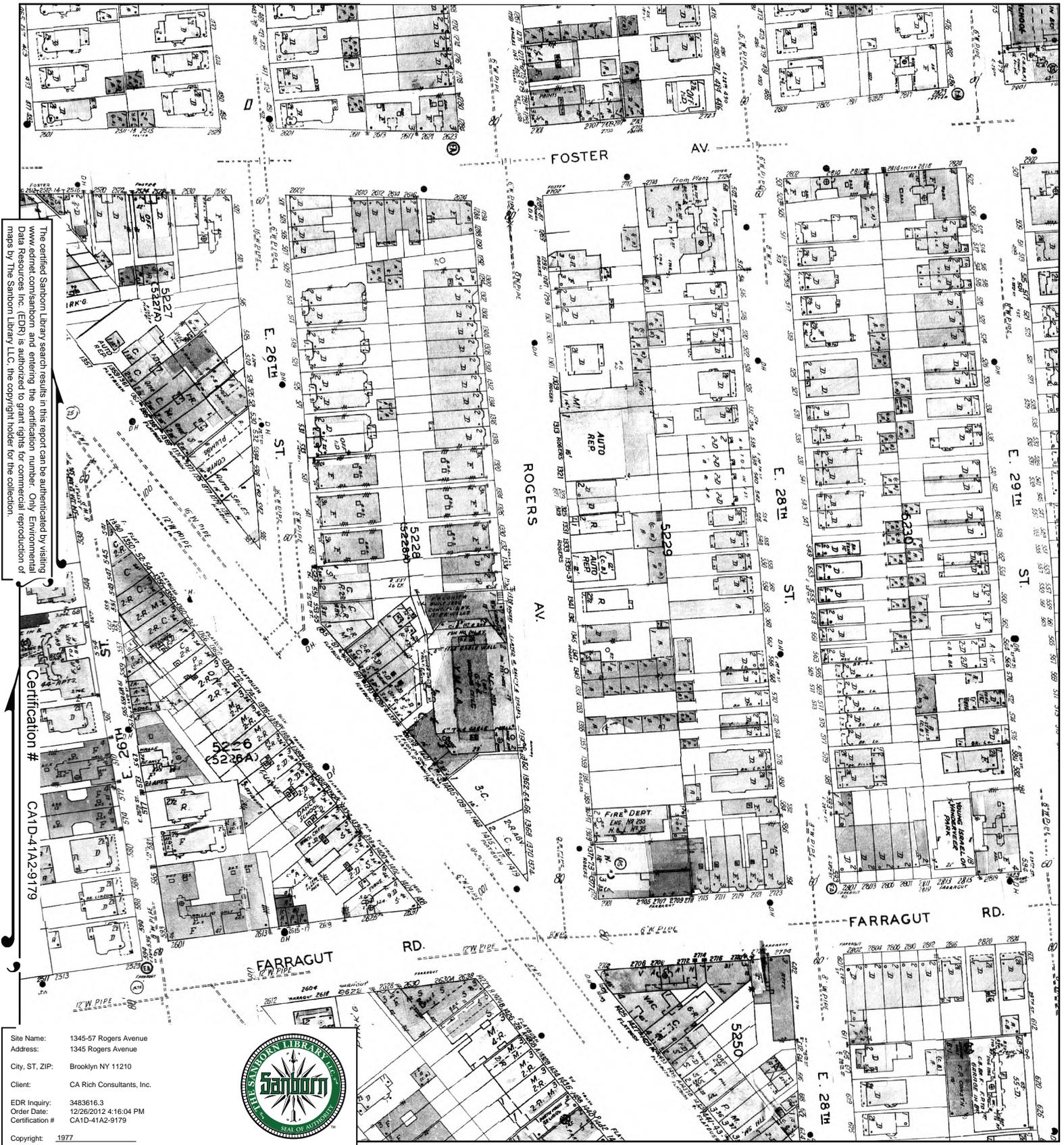
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1977 Certified Sanborn Map



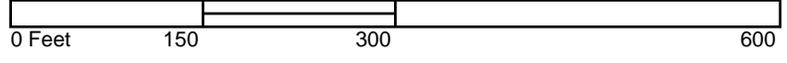
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179



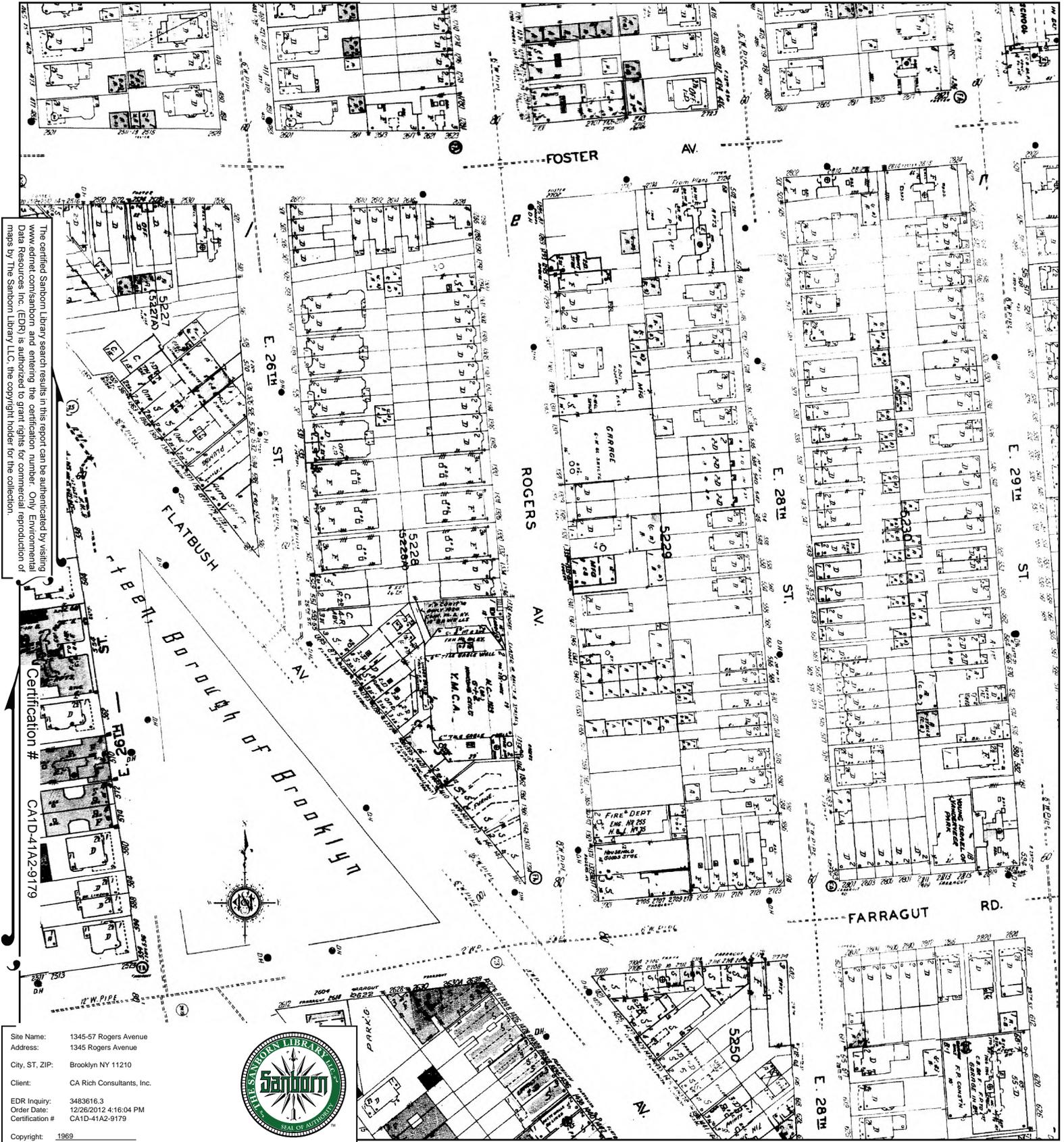
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1969 Certified Sanborn Map



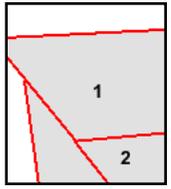
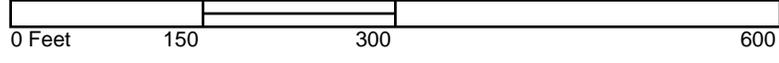
The certified Sanborn Map search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1969



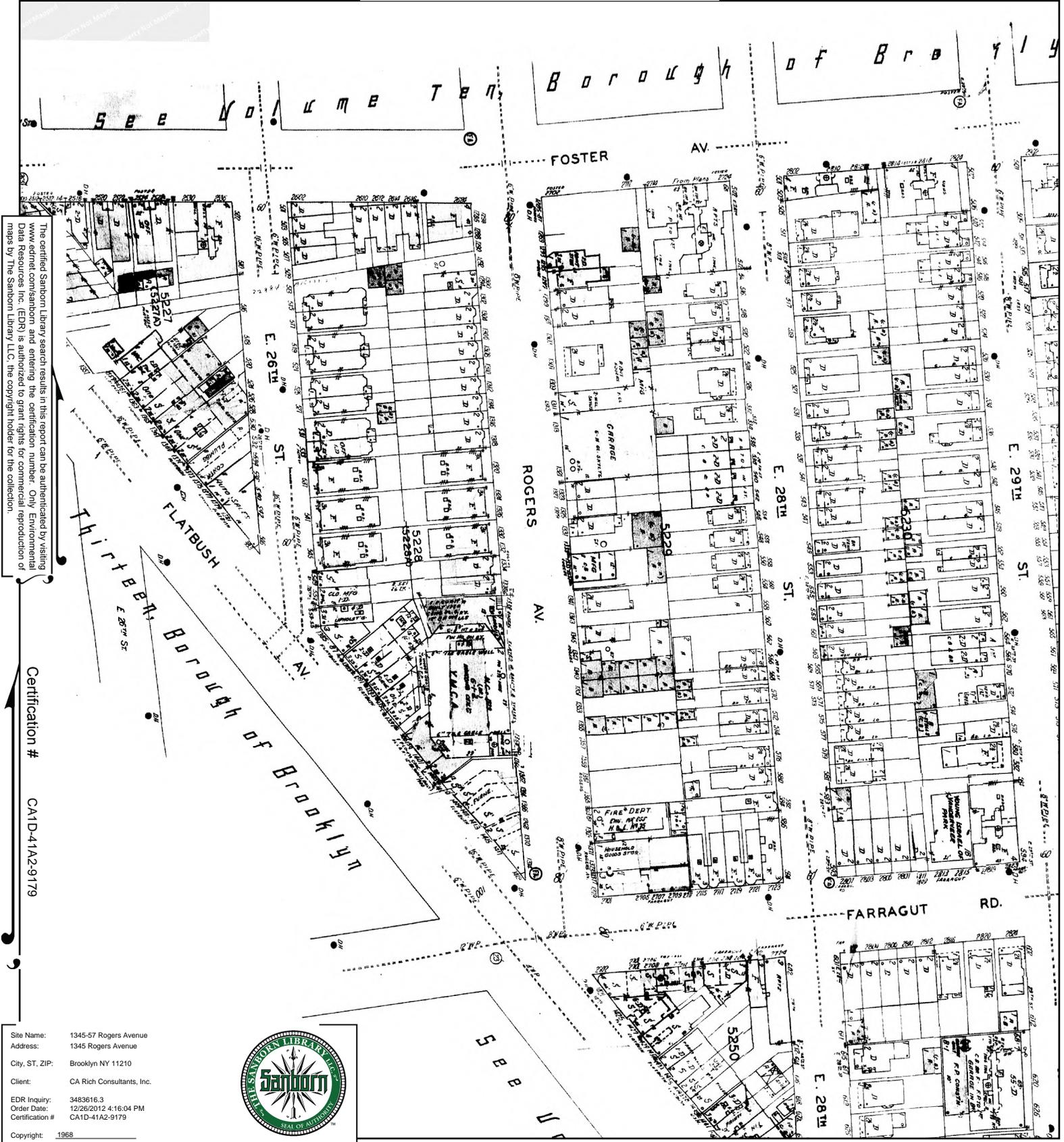
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 13, Sheet 1
- Volume 15, Sheet 1
- Volume 15, Sheet 2



# 1968 Certified Sanborn Map



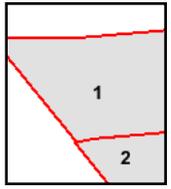
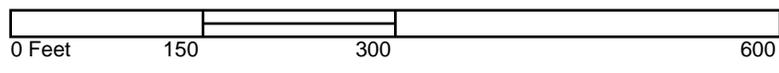
The certified Sanborn Map search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1968



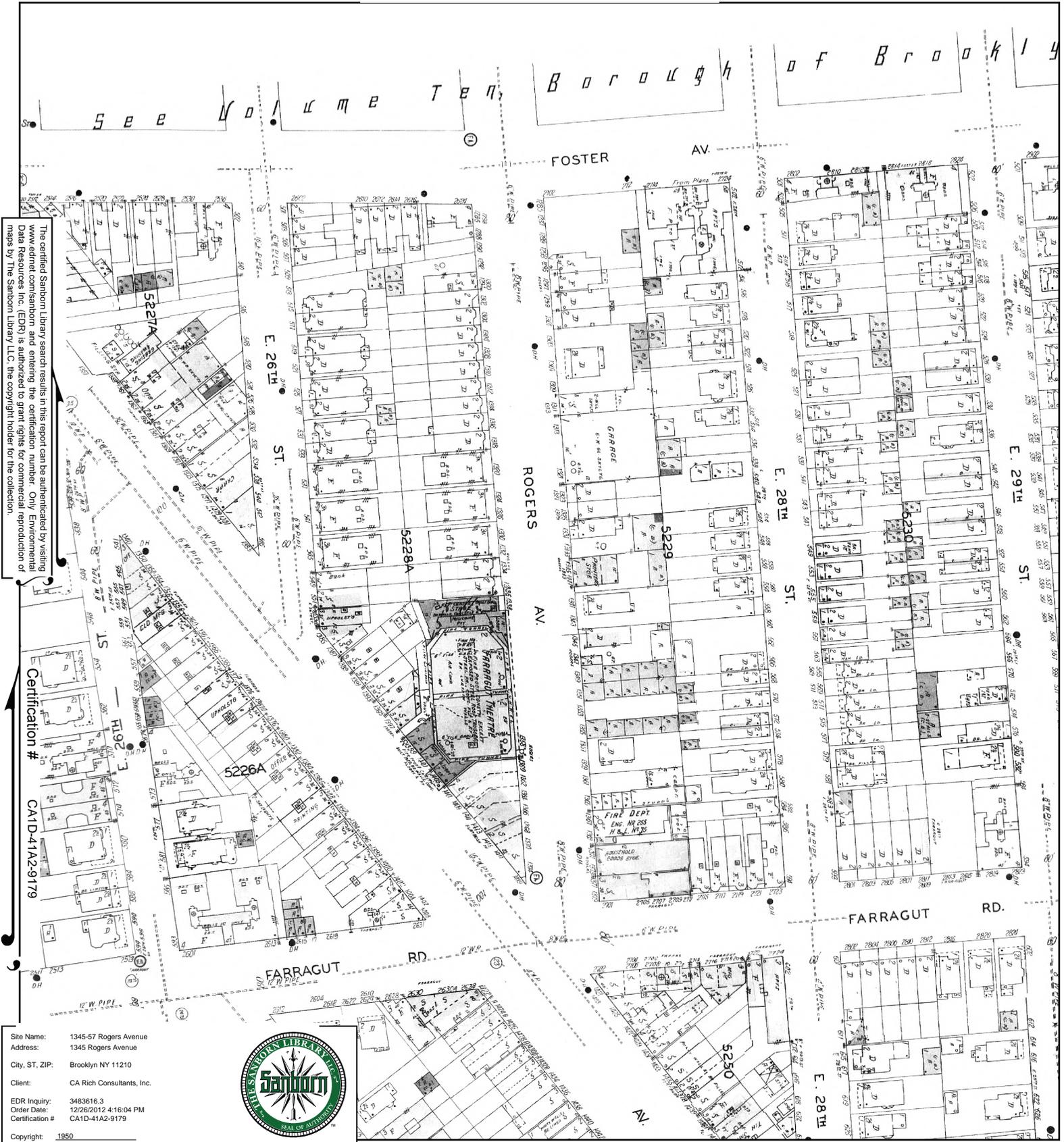
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 15, Sheet 1  
 Volume 15, Sheet 2



# 1950 Certified Sanborn Map



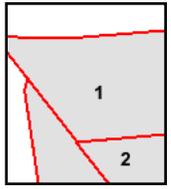
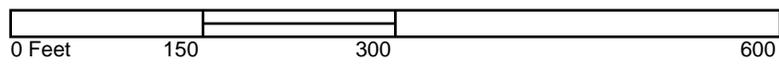
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification # CA1D-41A2-9179  
 Copyright: 1950



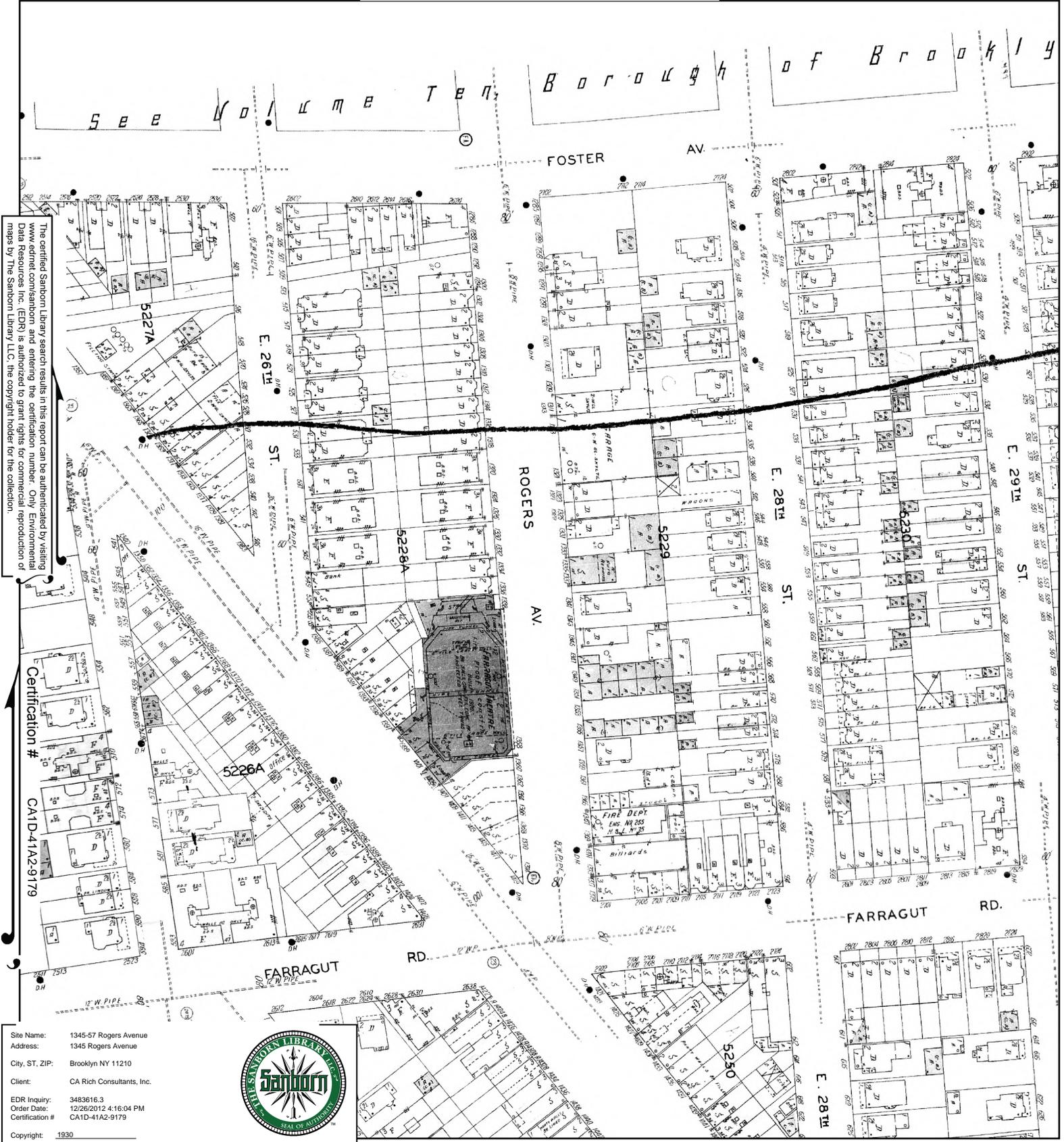
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 13, Sheet 1  
 Volume 15, Sheet 1  
 Volume 15, Sheet 2



# 1930 Certified Sanborn Map



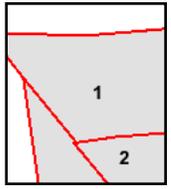
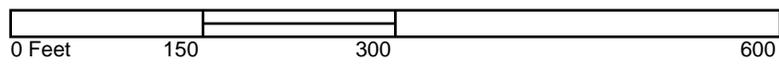
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification #  
CA1D-41A2-9179

Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1930



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



- Volume 15, Sheet 1
- Volume 15, Sheet 2
- Volume 13, Sheet 1



# 1907 Certified Sanborn Map



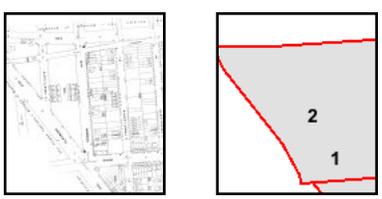
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by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

Certification # CA1D-41A2-9179

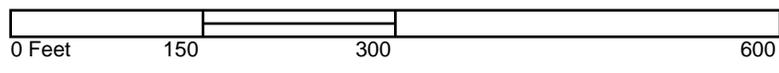
Site Name: 1345-57 Rogers Avenue  
 Address: 1345 Rogers Avenue  
 City, ST, ZIP: Brooklyn NY 11210  
 Client: CA Rich Consultants, Inc.  
 EDR Inquiry: 3483616.3  
 Order Date: 12/26/2012 4:16:04 PM  
 Certification #: CA1D-41A2-9179  
 Copyright: 1907



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



Volume 15, Sheet 1  
 Volume 15, Sheet 2





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

NYC Department of Buildings  
Property Profile Overview

1345 ROGERS AVENUE  
ROGERS AVENUE 1345 - 1345

BROOKLYN 11210  
Health Area : 7410  
Census Tract : 788  
Community Board : 314  
Buildings on Lot : 3

BIN# 3336243  
Tax Block : 5229  
Tax Lot : 17  
Condo : NO  
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): FOSTER AVENUE, FARRAGUT ROAD  
 DOB Special Place Name:  
 DOB Building Remarks:  
 Landmark Status: Special Status: N/A  
 Local Law: NO Loft Law: NO  
 SRO Restricted: NO TA Restricted: NO  
 UB Restricted: NO  
 Little 'E' Restricted: HAZMAT/AIR Grandfathered Sign: NO  
 Legal Adult Use: NO City Owned: NO  
 Additional BINs for Building: NONE

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: B1-2 FAMILY DWELLING

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	<a href="#">Elevator Records</a>
Complaints	0	0	<a href="#">Electrical Applications</a>
Violations-DOB	0	0	<a href="#">Permits In-Process / Issued</a>
Violations-ECB (DOB)	0	0	<a href="#">Illuminated Signs Annual Permits</a>
Jobs/Filings	0		<a href="#">Plumbing Inspections</a>
ARA / LAA Jobs	0		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Jobs	0		<a href="#">Facades</a>
Total Actions	0		<a href="#">Marquee Annual Permits</a>
			<a href="#">Boiler Records</a>
			<a href="#">DEP Boiler Information</a>
			<a href="#">Crane Information</a>
			<a href="#">After Hours Variance Permits</a>

OR Enter Action Type:

OR Select from List:

Select...

AND

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



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

NYC Department of Buildings  
Property Profile Overview

1351 ROGERS AVENUE  
ROGERS AVENUE 1351 - 1351

BROOKLYN 11210  
Health Area : 7410  
Census Tract : 788  
Community Board : 314  
Buildings on Lot : 2

BIN# 3328302  
Tax Block : 5229  
Tax Lot : 15  
Condo : NO  
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): FOSTER AVENUE, FARRAGUT ROAD  
 DOB Special Place Name:  
 DOB Building Remarks:  
 Landmark Status: Special Status: N/A  
 Local Law: NO Loft Law: NO  
 SRO Restricted: NO TA Restricted: NO  
 UB Restricted: NO  
 Little 'E' Restricted: HAZMAT/AIR Grandfathered Sign: NO  
 Legal Adult Use: NO City Owned: NO  
 Additional BINs for Building: NONE

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: G2-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	<a href="#">Elevator Records</a>
Complaints	0	0	<a href="#">Electrical Applications</a>
Violations-DOB	0	0	<a href="#">Permits In-Process / Issued</a>
Violations-ECB (DOB)	0	0	<a href="#">Illuminated Signs Annual Permits</a>
Jobs/Filings	0		<a href="#">Plumbing Inspections</a>
ARA / LAA Jobs	0		<a href="#">Open Plumbing Jobs / Work Types</a>
Total Jobs	0		<a href="#">Facades</a>
Total Actions	0		<a href="#">Marquee Annual Permits</a>
OR Enter Action Type: <input type="text"/>			<a href="#">Boiler Records</a>
OR Select from List:			<a href="#">DEP Boiler Information</a>
Select...			<a href="#">Crane Information</a>
AND <input type="button" value="Show Actions"/>			<a href="#">After Hours Variance Permits</a>

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



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

**Buildings**

NYC Department of Buildings  
**Property Profile Overview**

562 EAST 28 STREET  
EAST 28 STREET 562 - 564

BROOKLYN 11210  
Health Area : 7410  
Census Tract : 788  
Community Board : 314  
Buildings on Lot : 1

BIN# 3120951  
Tax Block : 5229  
Tax Lot : 54  
Condo : NO  
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): FOSTER AVENUE, FARRAGUT ROAD

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Local Law: NO

SRO Restricted: NO

UB Restricted: NO

Little 'E' Restricted: N/A

Legal Adult Use: NO

Additional BINs for Building: NONE

Special Status: N/A

Loft Law: NO

TA Restricted: NO

Grandfathered Sign: NO

City Owned: NO

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: G7-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	
<a href="#">Complaints</a>	3	0	<a href="#">Elevator Records</a>
<a href="#">Violations-DOB</a>	1	1	<a href="#">Electrical Applications</a>
<a href="#">Violations-ECB (DOB)</a>	1	0	<a href="#">Permits In-Process / Issued</a>
This property has <b>1 open DOB "Work Without A Permit"</b> Violations and may be subject to DOB civil penalties upon application for a permit.			<a href="#">Illuminated Signs Annual Permits</a>
<a href="#">Jobs/Filings</a>	0		<a href="#">Plumbing Inspections</a>
<a href="#">ARA / LAA Jobs</a>	0		<a href="#">Open Plumbing Jobs / Work Types</a>
<a href="#">Total Jobs</a>	0		<a href="#">Facades</a>
<a href="#">Actions</a>	1		<a href="#">Marquee Annual Permits</a>
OR Enter Action Type: <input type="text"/>			<a href="#">Boiler Records</a>
OR Select from List:			<a href="#">DEP Boiler Information</a>
<input type="text" value="Select..."/>			<a href="#">Crane Information</a>
AND <input type="button" value="Show Actions"/>			<a href="#">After Hours Variance Permits</a>

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



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

NYC Department of Buildings  
Property Profile Overview

1357 ROGERS AVENUE  
ROGERS AVENUE 1357 - 1363

BROOKLYN 11210  
Health Area : 7410  
Census Tract : 788  
Community Board : 314

BIN# 3825959  
Tax Block : 5229  
Tax Lot : 11  
Condo : NO  
Vacant : YES

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): FOSTER AVENUE, FARRAGUT ROAD  
 DOB Special Place Name:  
 DOB Building Remarks:  
 Landmark Status: Special Status: N/A  
 Local Law: NO Loft Law: NO  
 SRO Restricted: NO TA Restricted: NO  
 UB Restricted: NO  
 Little 'E' Restricted: HAZMAT/AIR Grandfathered Sign: NO  
 Legal Adult Use: NO City Owned: NO  
 Additional BINs for Building: [3825960](#)

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: G7-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open	<a href="#">Elevator Records</a>
<a href="#">Complaints</a>	1	0	<a href="#">Electrical Applications</a>
<a href="#">Violations-DOB</a>	1	1	<a href="#">Permits In-Process / Issued</a>
<a href="#">Violations-ECB (DOB)</a>	1	1	<a href="#">Illuminated Signs Annual Permits</a>
<a href="#">Jobs/Filings</a>	0		<a href="#">Plumbing Inspections</a>
<a href="#">ARA / LAA Jobs</a>	0		<a href="#">Open Plumbing Jobs / Work Types</a>
<a href="#">Total Jobs</a>	0		<a href="#">Facades</a>
<a href="#">Actions</a>	7		<a href="#">Marquee Annual Permits</a>

OR Enter Action Type:

OR Select from List:

Select...

AND

[After Hours Variance Permits](#)

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

# DEPARTMENT OF BUILDINGS

of **BOROUGH OF Brooklyn**, THE CITY OF NEW YORK  
 Date: **NOV 10 1964** 149933

## CERTIFICATE OF OCCUPANCY

**NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT**

This certificate supersedes C. O. No.

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at

**1357 to 1363 Rogers Avenue** Block **5229** Lot **11613**

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the **east** side of **Rogers Avenue**  
 distant **100** feet **north** from the corner formed by the intersection of  
**Farragut Road** and **Rogers Avenue**  
 running thence **east 10216"** feet; thence **north 80** feet;  
 thence **west 10216"** feet; thence **south 80** feet;  
 running thence \_\_\_\_\_ feet; thence \_\_\_\_\_ feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646e of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~XXXXXX~~ No. **Alt. 49-1964** Construction classification—**vacant land**  
 Occupancy classification—**parking lot (public)** Height \_\_\_\_\_ stories \_\_\_\_\_ feet  
 Date of completion—**const. 10-20-64** Located in **62-3 in B-6** Zoning District  
 at time of issuance of permit **plumb. 10-19-64**

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:  
 and The City Planning Commission: (Calendar numbers to be inserted here)

### PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces \_\_\_\_\_

Off-Street Loading Berths \_\_\_\_\_

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar on ground		-	parking lot for not more than one hundred (100) motor vehicles (Use Group 8) Temporary frame shed
TOTAL:- AS STATED ABOVE			

*[Signature]*  
 Borough Superintendent

DEPARTMENT OF BUILDINGS

THE CITY OF NEW YORK

PERMISSIBLE USE AND OCCUPANCY (continued)

STORY	LIVE LOADS IN P.S.F.	PERSONS ACCOMMODATED	USE
			BE MADE UNDER FIRST APPROVAL BY THE BOROUGH SUPERINTENDENT
			PERMISSIBLE USE AND OCCUPANCY
			DEPARTMENT OF BUILDINGS

Borough Superintendent

DEPARTMENT OF BUILDINGS



January 3, 2013

**New York City Department of Environmental Protection**

59-17 Junction Blvd.  
Corona, New York 11368

Attention: Rena Bryant, Records Access Officer

**Re: Freedom Of Information Law**  
Request for the property located at:  
1345-1357 Rogers Avenue  
Brooklyn, NY  
Block 5229, Lots 11, 15, 17, and 54

Dear Ms. Bryant:

CA Rich Consultants, Inc. requests a search of the files maintained by the Department for any and all environmental violations, actions, investigations, or documentation relating to the above-referenced property. If any records are discovered by the Department, we respectfully request the opportunity to review them.

CA Rich makes this request to satisfy, in part, an environmental due diligence being performed on behalf of our client who has an interest in the environmental history of the property.

If you require additional information to carry out the search, please contact the undersigned. Thank you for your attention to this matter.

Respectfully submitted,

**CA RICH CONSULTANTS, INC.**

A handwritten signature in black ink that reads 'Jessica Proscia'.

---

Jessica Proscia  
Environmental Scientist



January 3, 2013

**New York City Department of Health**  
125 Worth Street  
Room 604  
New York, New York 10013

**Re: Freedom of Information Law (FOIL) Request**  
for the property located at:  
1345-57 Rogers Avenue  
Brooklyn, NY  
Block: 5229; Lot: 11, 15, 17 and 54

Freedom of Information Officer:

CA Rich Consultants, Inc. requests a search of the files maintained by the Department for any and all environmental violations, actions, investigations, or documentation relating to the above-referenced property. If any records are discovered by the Department, we respectfully request the opportunity to review them.

CA Rich makes this request to satisfy, in part, an environmental due diligence being performed on behalf of our client who has an interest in the environmental history of the property.

If you require additional information to carry out the search, please contact the undersigned.

Thank you for your attention to this matter.

Respectfully submitted,

**CA RICH CONSULTANTS, INC.**

A handwritten signature in black ink that reads 'Jessica Proscia'.

---

Jessica Proscia  
Environmental Scientist

New York City Department of Finance  
Office of the City Register

**HELP**

[Click help for additional instructions]  
Selecting a help option will open new window

**Current Search Criteria:**

**Borough:** BROOKLYN / KINGS  
**Block:** 5229  
**Lot:** 11

**Date Range:** To Current Date  
**Document Class:** All Document Classes

# Search Results By Parcel Identifier

Records 1 - 14 << previous next >> Max Rows  [Search Options ] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
	2012000290435	11	ENTIRE LOT		7/23/2012 3:52:25 PM	ASSIGNMENT OF TAX LIEN	81	THE BANK OF NEW YORK	THE BANK OF NEW YORK				0
	2010000279055	11	ENTIRE LOT		8/18/2010 1:17:10 PM	TAX LIEN SALE CERTIFICATE	132	THE CITY OF NEW YORK	THE BANK OF NEW YORK MELLON			✓	0
	2009000066955	11	ENTIRE LOT		3/9/2009 10:29:39 AM	DEED	4	1460 FLATBUSH AVENUE, LLC	CRYSTAL BALL, LLC				0
	2006000468133	11	ENTIRE LOT		8/18/2006 11:42:23 AM	SATISFACTION OF MORTGAGE	5	1460 FLATBUSH AVE LLC	CITIBANK N.A.				0
	3732/1554		11	ENTIRE LOT	6/26/1996	SATISFACTION OF MORTGAGE	11	SMITH, ROBERT	1460 FLATBUSH AVENUE CORP				0
	3732/827		11	ENTIRE LOT	6/26/1996	ASSIGNMENT, MORTGAGE	9	1460 FLATBUSH AVE L.L.C.	EMPIRE STATE CERTIFIED DEVELOPMENT CORPORATION				0
	3732/822		11	ENTIRE LOT	6/26/1996	AGREEMENT	7	CITIBANK, NA	EMPIRE STATE CERTIFIED DEVELOPMENT CORPORATION				0
	3732/804		11	ENTIRE LOT	6/26/1996	MORTGAGE	20	1460 FLATBUSH AVE LLC	EMPIRE STATE CERTIFIED DEVELOPMENT CORPORATION				373,000
	3732/799		11	ENTIRE LOT	6/26/1996	ASSIGNMENT, MORTGAGE	5	EMPIRE STATE CERTIFIED DEVELOPMENT CORPORATION	U.S. SMALL BUSINESS ADMINISTRATION				0
	3732/752		11	ENTIRE LOT	6/26/1996	MORTGAGE	47	1460 CITIBANK, NA	CITIBANK, NA				450,000

DET	IMG	LOT	FLATBUSH AVE	LL C	SMITH, ROBERT F	1460 FLATBUSH AVENUELLC	0
DET	IMG	11 ENTIRE LOT	DEED	4	SMITH, ROBERT F	1460 FLATBUSH AVENUELLC	0
DET	IMG	11 ENTIRE LOT	ASSIGNMENT, MORTGAGE	2	1460 FLATBUSH AVE CORP	FABBRICATORE, ANTHONY	0
DET	IMG	11 ENTIRE LOT	MORTGAGE	5	SMITH, ROBERT F	1460 FLATBUSH AVENUECP	300,000
DET	IMG	11 ENTIRE LOT	DEED	3	1460 FLATBUSH AVE CORP	SMITH, ROBERT F	0

[Search Options](#)
[New Parcel Identifier Search](#)
[Edit Current Search](#)
[View Tax Map](#)

[Go To: Finance Home Page](#) | 
 [NYC.gov Home Page](#) | 
 [Contact NYC.gov](#) | 
 [FAQs](#) | 
 [Privacy Statement](#) | 
 [Site Map](#)

New York City Department of Finance  
Office of the City Register

**HELP**

[Click help for additional instructions]  
Selecting a help option will open new window

**Current Search Criteria:**

**Borough:** BROOKLYN / KINGS  
**Block:** 5229  
**Lot:** 15  
**Date Range:** To Current Date  
**Document Class:** All Document Classes

# Search Results By Parcel Identifier

Records 1 - 14 << previous next >> Max Rows  [Search Options ] [New BBL Search] [Edit Current Search] [View Tax Map]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party Corrected/ 1/2 Names	Doc Remarks Amount
		2012000290435	15	ENTIRE LOT	7/23/2012 3:52:25 PM	ASSIGNMENT OF TAX LIEN	81	THE BANK OF NEW YORK	THE BANK OF NEW YORK			0
		2011000408627	15	ENTIRE LOT	11/23/2011 9:46:06 AM	TAX LIEN SALE CERTIFICATE	83	CITY OF NEW YORK	BANK OF NEW YORK			0
		2010000279055	15	ENTIRE LOT	8/18/2010 1:17:10 PM	TAX LIEN SALE CERTIFICATE	132	THE CITY OF NEW YORK	THE BANK OF NEW YORK MELLON		✓	0
		2010000042037	15	ENTIRE LOT	2/4/2010 5:04:38 PM	DEED	5	PUIAI, LLC	CRYSTAL BALL, LLC			0
		4928/1492	15	ENTIRE LOT	7/27/2000	TAX LIEN SALE CERTIFICATE	18	CITY OF NEW YORK	BANK OF NEW YORK			0
		4377/1113	15	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	6	DE YOREO, BENJAMIN M	DE YOREO, JOSEPH R			0
		4377/1108	15	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, KEVIN	CLAXTON, HUBERT			0
		4377/1103	15	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, MARCIA	JOHNSON, GRACE			0
		4377/1097	15	ENTIRE LOT	1/21/1999	DEED	7	DE YOREO, JOSEPH R/IND	PUIAI LLC		✓	0
		4361/1057	15	ENTIRE LOT	12/31/1998	MORTGAGE	0	PUIAI LLC	DE YOREO, BENJAMIN M		✓	75,000
		897/857	15	ENTIRE LOT	1/19/1977	DEED	3	DEYOREO LOUISE	DEYOREO BENJAMIN M		✓	0
		734/1623	15	ENTIRE LOT	9/11/1974	DEED	4	1345 ROGERS AVE REALTY CORP	DEYOREO BENJAMIN		✓	0

		347/1985	15	ENTIRE LOT	7/16/1969	MORTGAGE	6	1345 ROGERS AVE REALTY CORP	DEYOREO BENJAMIN	0	<input checked="" type="checkbox"/>
		347/1981	15	ENTIRE LOT	7/16/1969	DEED	5	DEYOREO BENJAMIN	1345 ROGERS AVE REALTY CORP	0	<input checked="" type="checkbox"/>

Search Options

New Parcel Identifier Search

Edit Current Search

View Tax Map

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

New York City Department of Finance  
Office of the City Register

**HELP**

[Click help for additional instructions]  
Selecting a help option will open new window

**Current Search Criteria:**  
**Borough:** BROOKLYN / KINGS  
**Block:** 5229  
**Lot:** 17  
**Date Range:** To Current Date  
**Document Class:** All Document Classes

# Search Results By Parcel Identifier

Records 1 - 16 << previous next >> Max Rows  [Search Options ] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party Corrected/ 1/2 Names	Doc Remarks	Amount
		2012000114846	17	ENTIRE LOT	3/22/2012 10:39:28 AM	ASSIGNMENT, MORTGAGE	2	WELLS FARGO BANK	DEUTSCHE BANK NATIONAL TRUST COMPANY				0
		2009000150750	17	ENTIRE LOT	5/20/2009 12:13:45 PM	DEED	5	JOHNSON, MARCIA	CRYSTAL BALL, LLC	✓			0
		2006000068223	17	ENTIRE LOT	2/6/2006 10:01:05 AM	SATISFACTION OF MORTGAGE	3	JOHNSON, KEVIN	WELLS FARGO HOME MORTGAGE, INC.	✓			0
		2006000043452	17	ENTIRE LOT	1/24/2006 3:33:00 PM	MORTGAGE	28	JOHNSON, KEVIN	WELLS FARGO BANK, N.A.	✓			370,000
	5225/772		17	ENTIRE LOT	7/19/2001	SATISFACTION OF MORTGAGE	3	PUAI LLC	DE YOREO, BENJAMIN M	✓			0
	5083/2179		17	ENTIRE LOT	2/21/2001	MORTGAGE	46	JOHN, MARCIA	WELLS FARGO HOME MORTGAGE INC	✓			213,750
	5083/2175		17	ENTIRE LOT	2/21/2001	DEED	4	PUAI LLC	JOHNSON, KEVIN	✓			0
	4377/1113		17	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	6	DE YOREO, BENJAMIN M	DE YOREO, JOSEPH R				0
	4377/1108		17	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, KEVIN	CLAXTON, HUBERT				0
	4377/1103		17	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, MARCIA	JOHNSON, GRACE				0
	4377/1097		17	ENTIRE LOT	1/21/1999	DEED	7	DE YOREO, JOSEPH R/IND	PUAI LLC				0
	4361/1057		17	ENTIRE LOT	12/31/1998	MORTGAGE	0	PUAI LLC	DE YOREO, BENJAMIN M	✓			75,000

	897/857	17	ENTIRE LOT	1/19/1977	DEED	3	DEYOREO LOUISE	DEYOREO BENJAMIN M	0	✓
	734/1623	17	ENTIRE LOT	9/11/1974	DEED	4	1345 ROGERS AVE REALTY CORP	DEYOREO BENJAMIN	0	✓
	347/1985	17	ENTIRE LOT	7/16/1969	MORTGAGE	6	1345 ROGERS AVE REALTY CORP	DEYOREO BENJAMIN	0	✓
	347/1981	17	ENTIRE LOT	7/16/1969	DEED	5	DEYOREO BENJAMIN 1345 ROGERS AVE REALTY CORP	DEYOREO BENJAMIN	0	✓

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

New York City Department of Finance  
Office of the City Register

**HELP**

[Click help for additional instructions]  
Selecting a help option will open new window

**Current Search Criteria:**

**Borough:** BROOKLYN / KINGS  
**Block:** 5229  
**Lot:** 54  
**Date Range:** To Current Date  
**Document Class:** All Document Classes

# Search Results By Parcel Identifier

Records 1 - 14 << previous next >> Max Rows  [Print Index]

[Search Options ] [New BBL Search] [Edit Current Search] [View Tax Map]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party Corrected/ 1/2 Names	Doc Remarks Amount
		2011000408629	54	ENTIRE LOT	11/23/2011 9:46:32 AM	TAX LIEN SALE	123	CITY OF NEW YORK	BANK OF NEW YORK			0
		2010000042037	54	ENTIRE LOT	2/4/2010 5:04:38 PM	DEED	5	PUAL, LLC	CRYSTAL BALL, LLC			0
		2005000112785	54	ENTIRE LOT	2/24/2005 3:16:44 PM	DISCHARGE OF TAX LIEN	4	THE BANK OF NEW YORK				0
		2004000613456	54	ENTIRE LOT	9/30/2004 4:58:13 PM	TAX LIEN SALE	78	CITY OF NEW YORK	BANK OF NEW YORK			0
	4928/1492		54	ENTIRE LOT	7/27/2000	TAX LIEN SALE	18	CITY OF NEW YORK	BANK OF NEW YORK			0
	4377/1113		54	ENTIRE LOT	1/21/1999	CERTIFICATE POWER OF ATTORNEY	6	DE YOREO, BENJAMIN M	DE YOREO, JOSEPH R			0
	4377/1108		54	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, KEVIN	CLAXTON, HUBERT			0
	4377/1103		54	ENTIRE LOT	1/21/1999	POWER OF ATTORNEY	7	JOHNSON, MARCIA	JOHNSON, GRACE			0
	4377/1097		54	ENTIRE LOT	1/21/1999	DEED	7	DE YOREO, JOSEPH R/IND	PUAI LLC			0
	4361/1057		54	ENTIRE LOT	12/31/1998	MORTGAGE	0	PUAI LLC				75,000
	897/857		54	ENTIRE LOT	1/19/1977	DEED	3	DEYOREO LOUISE				0
	734/1623		54	ENTIRE LOT	9/11/1974	DEED	4	1345 ROGERS AVE REALTY CORP				0

  347/1985

54 ENTIRE LOT

MORTGAGE

6

1345 ROGERS AVE  
REALTY CORP

DEYOREO  
BENJAMIN  
1345 ROGERS AVE  
REALTY CORP

0



  347/1981

54 ENTIRE LOT

DEED

5

DEYOREO  
BENJAMIN

1345 ROGERS AVE  
REALTY CORP

0



Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

---

## **APPENDIX D**

**Local Directory  
(Electronic copy only)**

---

**1345-57 Rogers Avenue**

1345, 1351, 1357 Rogers Avenue and 562 East 28th St  
Brooklyn, NY 11210

Inquiry Number: 3483616.6

December 28, 2012

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2012 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## EXECUTIVE SUMMARY

### DESCRIPTION

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

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

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

### RESEARCH SUMMARY

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

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

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

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

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1345 Rogers Avenue	Client Entered	X
1351 Rogers Avenue	Client Entered	
1357 Rogers Avenue	Client Entered	X
562 East 28th Street	Client Entered	X

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

1345, 1351, 1357 Rogers Avenue and 562 East 28th St  
Brooklyn, NY 11210

### FINDINGS DETAIL

Target Property research detail.

#### 28th

##### 562 28th

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	HARRIS M	NYNEX

#### East 28th Street

##### 562 East 28th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	HARRIS M	NYNEX

#### Rogers

##### 1357 Rogers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	UHDAL J H	New York Telephone
	Uhdal J H	New York Telephone Company
1945	Residence	New York Telephone Company
	Ubdal John H Mrs	New York Telephone Company
	Uhdal John H bldg constn	New York Telephone Company
	USW Meat Corp	New York Telephone Company
1940	Residence	New York Telephone Company
	Uhdal John H bldg constn	New York Telephone Company
1934	UHDAL JOHN H PRES-TREAS JOHN H UHDAL INC H	R. L. Polk & Co.
	UHDAL JOHN H INC H UHDAL PRES- TREAS BLDG CONTS	R. L. Polk & Co.
1928	UHDAL JOHN H BUILDG CONSTN	New York Telephone

## FINDINGS

### ROGERS AVE

#### 1345 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Woods Harold o	Hill-Donnelly Corporation
2000	HAROLD WOODS	Cole Information Services
1973	Norton Jacquilyn	New York Telephone
1970	Norton Jacquilyn	New York Telephone
1965	Chesterfield Contractg Corp	New York Telephone
	Norton Jacquilyn	New York Telephone
	Seklir R B contr	New York Telephone
1960	CHESTERFIELD CONTRACTG CORP	New York Telephone
	HUGHES WALTER H	New York Telephone
	SEKLIR R B CONTR	New York Telephone
	Chesterfield Contractg Corp	New York Telephone Company
	Hughes Walter H	New York Telephone Company
	Seklir R B contr	New York Telephone Company
1934	DEYOREO BENJ PRES-TREAS FLATBUSH AUTO SERVICE CO INC R	R. L. Polk & Co.
	DEYOREO JOS R	R. L. Polk & Co.
	DEYOREO LOUIS MRS SEC FLATBUSH AUTO SERVICE CO INC R	R. L. Polk & Co.
	TILLOTT HARRIET E R	R. L. Polk & Co.
	TILLOTT JOS W PAVING INSPR PRES BORO BKN R	R. L. Polk & Co.
	TILLOTT MARY F H	R. L. Polk & Co.

### Rogers Avenue

#### 1345 Rogers Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Woods Harold o	Hill-Donnelly Corporation
2000	HAROLD WOODS	Cole Information Services
1973	Norton Jacquilyn	New York Telephone
1970	Norton Jacquilyn	New York Telephone
1965	Chesterfield Contractg Corp	New York Telephone
	Norton Jacquilyn	New York Telephone
	Seklir R B contr	New York Telephone
1960	CHESTERFIELD CONTRACTG CORP	New York Telephone
	HUGHES WALTER H	New York Telephone
	SEKLIR R B CONTR	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	Chesterfield Contractg Corp	New York Telephone Company
	Hughes Walter H	New York Telephone Company
	Seklir R B contr	New York Telephone Company
1934	DEYOREO BENJ PRES-TREAS FLATBUSH AUTO SERVICE CO INC R	R. L. Polk & Co.
	DEYOREO JOS R	R. L. Polk & Co.
	DEYOREO LOUIS MRS SEC FLATBUSH AUTO SERVICE CO INC R	R. L. Polk & Co.
	TILLOTT HARRIET E R	R. L. Polk & Co.
	TILLOTT JOS W PAVING INSPR PRES BORO BKN R	R. L. Polk & Co.
	TILLOTT MARY F H	R. L. Polk & Co.

### 1351 Rogers Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
-------------	-------------	---------------

### 1357 Rogers Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	UHDAL J H	New York Telephone
	Uhdal J H	New York Telephone Company
1945	Residence	New York Telephone Company
	Ubdal John H Mrs	New York Telephone Company
	Uhdal John H bldg constn	New York Telephone Company
	USW Meat Corp	New York Telephone Company
1940	Residence	New York Telephone Company
	Uhdal John H bldg constn	New York Telephone Company
1934	UHDAL JOHN H PRES-TREAS JOHN H UHDAL INC H	R. L. Polk & Co.
	UHDAL JOHN H INC H UHDAL PRES- TREAS BLDG CONTS	R. L. Polk & Co.
1928	UHDAL JOHN H BUILDG CONSTN	New York Telephone

## FINDINGS

### ADJOINING PROPERTY DETAIL

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

### ROGERS

#### 1327 ROGERS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	KROSSNER JOHN H	R. L. Polk & Co.

### ROGERS AVE

#### 1324 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	N CL	Hill-Donnelly Corporation
1985	AMY M	NYNEX Information Resources Company
1976	CORTES MIGDALIA	New York Telephone
	STEEL EDWIN	New York Telephone
1973	Bischoff Lorena	New York Telephone
	Quiles Juan	New York Telephone
	Sereno John	New York Telephone
1965	Horan Thos J	New York Telephone
	Mc Alarney Edw R	New York Telephone
	Rhatigan Danl	New York Telephone
	Walden Robt E	New York Telephone
1960	CAREY JOHN J	New York Telephone
	HORAN THES J	New York Telephone
	MC ALARNEY EDW R	New York Telephone
	SCHIRO LOUIS J	New York Telephone
	WALDEN ROBT E	New York Telephone
	Carey John J	New York Telephone Company
	Horan Thes J	New York Telephone Company
	Mc Alarney Edw R	New York Telephone Company
	Schiro Louis J	New York Telephone Company
	Walden Robt E	New York Telephone Company
1949	Schiro Louis J	New York Telephone Company
	Arlander Edna C	New York Telephone Company
	Paterek Jos	New York Telephone Company
1940	Roth Carl E	New York Telephone Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	ANGOLD KATH M SLSMN H	R. L. Polk & Co.
	BALDANZA FRANCES STEN H	R. L. Polk & Co.
	FEMINELLA ANTHONY HAIRDRSR H	R. L. Polk & Co.
	FEMMENILLI ANTHONY HAIRDRSR R	R. L. Polk & Co.
	JAHANN H	R. L. Polk & Co.
	LIBERA JOHN STA ENG A & C MARKET H	R. L. Polk & Co.
	SMITH HARRY B NEWSPAPERMN H	R. L. Polk & Co.
1928	BALDANZA FRANCES MISS R	New York Telephone
	BOGERT O B R	New York Telephone
	FEMMINELLA A P R	New York Telephone
	MCDEVITT MARY NRS	New York Telephone
	MILLER A MRS R	New York Telephone
	SVASTA NEIL R	New York Telephone

### 1327 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Walker Kennethb	Hill-Donnelly Corporation
	Boilers D	Hill-Donnelly Corporation
2000	DENISE MARBURY	Cole Information Services
	KENNETH WALKER	Cole Information Services
1997	MARBURY Denise	NYNEX
	WALKER Kenneth	NYNEX
1992	ATKINS-SYLVESTER CAROLL	NYNEX Informantion Resource Co.
	BRATHWAITE JOYCE	NYNEX Informantion Resource Co.
	WALKER KENNETH	NYNEX Informantion Resource Co.
1985	AKINS CHERYL	NYNEX Information Resources Company
1976	ULRICH BRUNO	New York Telephone
1973	Uliich Bruno	New York Telephone
1970	Ulrich Bruno	New York Telephone
1965	Ulrich Bruno	New York Telephone
1960	Ulrich Bruno	New York Telephone Company
	ULRICH BRUNO	New York Telephone
1945	Krossner John	New York Telephone Company
1940	Krossner John	New York Telephone Company
1934	KROSSNER HELEN L STEN R	R. L. Polk & Co.
	KROSSNER WM J CLK R	R. L. Polk & Co.
	KROSSNER WM J JR LAWYER R1110	R. L. Polk & Co.
	USILTON NOEL E CONCRETE WKR H	R. L. Polk & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	KROSSNER JOHN R	New York Telephone

### 1329 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Ricketts Marilen	Hill-Donnelly Corporation
2000	SEAN SMALLS	Cole Information Services
	MARILEN RICKETTS	Cole Information Services
1985	WALKER ANNDEAN	NYNEX Information Resources Company
1940	Rollings C Mrs	New York Telephone Company
1934	FERRANTE CARMELA H	R. L. Polk & Co.
	STABILE JENNIE H	R. L. Polk & Co.
1928	DUBATO JOS R	New York Telephone

### 1330 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Estevez Doris	Hill-Donnelly Corporation
	Munoz Yaneth	Hill-Donnelly Corporation
2000	ORTIS HENRY	Cole Information Services
	DUANE MESQUITA	Cole Information Services
1997	SALTERS Miranda	NYNEX
1992	SALTERS MIRANDA	NYNEX Informantion Resource Co.
1985	EDWARDS G	NYNEX Information Resources Company
1980	VEGA DOMINGO	New York Telephone
	VEGA STEVEN M	New York Telephone
1976	FLORES NELSON	New York Telephone
	GRAFF FRED	New York Telephone
	MCLAUGHLIN PATK J	New York Telephone
	TAUBERT G	New York Telephone
	VEGA DOMINGO	New York Telephone
1973	Graff Fred	New York Telephone
	Mc Hugh Ed	New York Telephone
	Mc Laughlin Patk J	New York Telephone
	Taubert G	New York Telephone
	Vega Domingo	New York Telephone
1970	Bolster Mary Mrs	New York Telephone
	Graff Fred	New York Telephone
	Mc Hugh Edw	New York Telephone
	Mc Laughlin Patk J	New York Telephone
	Moser Frank V	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Taubert G	New York Telephone
1965	Bolster Mary Mrs	New York Telephone
	Copeland Jas C	New York Telephone
	Graff Fred	New York Telephone
	Moller A LPN	New York Telephone
	Moser Frank V	New York Telephone
	Taubert G	New York Telephone
1960	Armstrong Howard N	New York Telephone Company
	Bolster Mary Mrs	New York Telephone Company
	Graff Fred	New York Telephone Company
	Moser Frank V	New York Telephone Company
	Taubert G	New York Telephone Company
	ARMSTRONG HOWARD N	New York Telephone
	BOLSTER MARY MRS	New York Telephone
	GRAFF FRED	New York Telephone
	MOSER FRANK V	New York Telephone
	TAUBERT G	New York Telephone
1949	Askins Ruth J	New York Telephone Company
	Moser Frank V	New York Telephone Company
	Quinn Edw P RN	New York Telephone Company
	Schwacke P	New York Telephone Company
1945	Askins Ruth J	New York Telephone Company
1940	Quinn Edw P RN	New York Telephone Company
1934	FILAND JOHN MTRMN H	R. L. Polk & Co.
	ARTH CLK R	R. L. Polk & Co.
	H	R. L. Polk & Co.
	USHER R	R. L. Polk & Co.
	MARTIN PETER J MTRMN R	R. L. Polk & Co.
	QUINN EDW P LAB R	R. L. Polk & Co.
	QUINN MATILDA H	R. L. Polk & Co.
	QUINN VINCENT P FIREMN H	R. L. Polk & Co.
	SHARKEY EDW J MECH H	R. L. Polk & Co.
1928	KELLY P J R	New York Telephone
	NEEFUS J VINCENT R	New York Telephone
	QUINN EDW P RN R	New York Telephone

### 1331 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Awesome Iron Works	Hill-Donnelly Corporation

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Reliance Express Co	New York Telephone
	Edert Herman expg	New York Telephone
1970	Reliance Express Co	New York Telephone
	Edert Herman expg	New York Telephone
1965	Reliance Express Co	New York Telephone
	Edert Herman expg	New York Telephone
1960	RELIANCE EXPRESS CO	New York Telephone
	EDERT PAUL EXPG	New York Telephone
	Edert Paul expg	New York Telephone Company
	Reliance Express Co	New York Telephone Company
1949	Edert Paul expg	New York Telephone Company
	Reliance Auto Exp Co	New York Telephone Company
1945	Reliance Auto Exp Co	New York Telephone Company
	Edert Paul expg	New York Telephone Company
1940	Edert Paul expg	New York Telephone Company
	Reliance Auto Express Co	New York Telephone Company
1934	BAKER EUG R	R. L. Polk & Co.
	BAKER JENNIE H	R. L. Polk & Co.
	EDERT PAUL EXPRESSING MOVING H	R. L. Polk & Co.
	RELIANCE AUTO EXPRESS CO	R. L. Polk & Co.
	PALMITTIER LOUIS EXPMN R	R. L. Polk & Co.
	JACKSON HARRY EXPMN RELIANCE AUTO EXPRESS CO	R. L. Polk & Co.
1928	RELIANCE AUTO EXPRESS CO	New York Telephone

### 1331A ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	EDERT HERMAN	New York Telephone

### 1332 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	BENTLEY CHESTER SLSMN	R. L. Polk & Co.

### 1333 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MIRACLE AUTO BODY	Cole Information Services
	MIRACLE AUTO BODY	Cole Information Services
1997	Miracle Auto Body	NYNEX
	Miracle Auto Body	NYNEX
1992	MIRACLE AUTO BODY	NYNEX Informantion Resource Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	MIRACLE AUTO BODY	NYNEX Informantion Resource Co.
1985	MIRACLE AUTO BODY	NYNEX Information Resources Company
	MIRACLE AUTO BODY	NYNEX Information Resources Company
1949	Tarkan Painting & Decoratg Co	New York Telephone Company
1945	Leavitt J S paintng contr	New York Telephone Company
	Leavitt & Fox paintng contrs	New York Telephone Company
	Fox M paintng contr	New York Telephone Company
1940	Zip Auto Top Co	New York Telephone Company
	AAA Mfg Co venetrn blds	New York Telephone Company

### 1334 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Jackson Roland	Hill-Donnelly Corporation
	Michel Rene	Hill-Donnelly Corporation
	Nedd Ricardo	Hill-Donnelly Corporation
	h Phipps Berrick	Hill-Donnelly Corporation
2000	TAOFIK AFONJA	Cole Information Services
	ROLAND JACKSON	Cole Information Services
	DAVID MOORE	Cole Information Services
	BERRICK PHIPPS	Cole Information Services
	PATRICK THOMPSON	Cole Information Services
1997	ADENIRAN Bode O	NYNEX
	COX Russell	NYNEX
	JACKSON Roland	NYNEX
	PHIPPS Berrick	NYNEX
1992	CAMPBELL RUDOLPH	NYNEX Informantion Resource Co.
	JACKSON ROLAND	NYNEX Informantion Resource Co.
	PHIPPS BERRICK	NYNEX Informantion Resource Co.
	STEWART STANISLAUS	NYNEX Informantion Resource Co.
	STREET GERALD	NYNEX Informantion Resource Co.
1985	DESILUS LYDIE	NYNEX Information Resources Company
	GABRIEL EXCELHOMME	NYNEX Information Resources Company
	JACKSON ROLAND	NYNEX Information Resources Company
	LOUIS DANIEL	NYNEX Information Resources Company
	WILLIAMS VICTOR	NYNEX Information Resources Company
1976	MEBANE GEO	New York Telephone
1973	Mebane Geo	New York Telephone
1970	Lichtman Andrew	New York Telephone
1960	BARDACK ERWIN	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	KING HAROLD	New York Telephone
	Bardack Erwin	New York Telephone Company
	King Harold	New York Telephone Company
1949	Schwenterly Edw	New York Telephone Company
	Sether Malvin	New York Telephone Company
1945	Schwenterly Edw	New York Telephone Company
1934	POWERS RICHD CHAUF H	R. L. Polk & Co.
	UPTON DONALD G TEILER H	R. L. Polk & Co.
	VETTER OTTO MECH R	R. L. Polk & Co.
1928	UPTON DONALD G R	New York Telephone

### 1335 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Brava Breaded Frozen Food Co Inc	New York Telephone
1960	KINGS & QUEENS SANDWICH SVCE INC	New York Telephone
	QUEENS & KINGS SANDWICH SVCE INC	New York Telephone
	Kings & Queens Sandwich Svce Inc	New York Telephone Company
	Queens & Kings Sandwich Svce Inc	New York Telephone Company

### 1336 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Granger Garvin	Hill-Donnelly Corporation
	Thompson John	Hill-Donnelly Corporation
2000	GARVIN GRANGER	Cole Information Services
	BRUCE MARTIN	Cole Information Services
1997	GRANGER Garvin	NYNEX
	MORANCIE E	NYNEX
1992	GRANGER GARVIN	NYNEX Informantion Resource Co.
	MORANCIE E	NYNEX Informantion Resource Co.
1985	MORANCIE E	NYNEX Information Resources Company
	HANSON AGNES	NYNEX Information Resources Company
	GOODEN B	NYNEX Information Resources Company
1980	MORANCIE E	New York Telephone
	HANSON AGNES	New York Telephone
1976	GALLIER LOLA	New York Telephone
	MORANCIE E	New York Telephone
1973	Masoud Mike	New York Telephone
1970	Comba Robt J	New York Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Comba Robt J	New York Telephone
1960	GRENNING ALBERT	New York Telephone
	Grenning Albert	New York Telephone Company
1949	Ericsson Eric H	New York Telephone Company
	Grenning Albert	New York Telephone Company
1945	Ericsson Eric H	New York Telephone Company
	Grenning Albert	New York Telephone Company
1940	Ericsson Eric H	New York Telephone Company
	Holmes Mildred M Mrs	New York Telephone Company
1934	ERICSON HILMA H	R. L. Polk & Co.
	ERICSSON ERIC H SLSMN H	R. L. Polk & Co.
	MAXWELL CHAS A CHAUF H	R. L. Polk & Co.
	MAXWELL MURIEL STEN WM H	R. L. Polk & Co.
	JACKSON CO R	
1928	GALLUP E C R	New York Telephone

### 1338 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Unity Truckg Co	New York Telephone
	UNITY SURGICAL SUPL CO	New York Telephone
	Trans World Van Lines	New York Telephone
	Russo Movers Inc	New York Telephone
	Metropolitn Furn Delivry Svce	New York Telephone
	East Coast Rentl Co	New York Telephone
	East Coast Party Supls	New York Telephone

### 1340 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Metropolitn Chair Rentl Co	New York Telephone

### 1341 ROGERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	SAYONE	Cole Information Services
2005	H Williams Pauline	Hill-Donnelly Corporation
	h Mckenzie Johanne	Hill-Donnelly Corporation
2000	E WILLIAMS	Cole Information Services
	ROGER MCKENZIE	Cole Information Services
	LENWORTH WILLIAMS	Cole Information Services
1997	WILLIAMS E	NYNEX
1992	WILLIAMS E	NYNEX Informantion Resource Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Hohenester Chas Mrs	New York Telephone
1960	HOHENESTER CHAS MRS	New York Telephone
	Hohenester Chas Mrs	New York Telephone Company
1949	Hohenester Chas Mrs	New York Telephone Company
1945	Hohenester Chas Mrs	New York Telephone Company
1934	JOHNSTON U GRANT H	R. L. Polk & Co.
	JOHNSON GRANT U CONFR H	R. L. Polk & Co.
	BERECZK WM POLICE R	R. L. Polk & Co.
	JOHNSTON BERTHA MRS CLK BERTHA JOHNSTON S CANDY H	R. L. Polk & Co.
1928	TILLOTT JAS W R	New York Telephone

### ROGNER AVE

#### 1330 ROGNER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	GORDON NELLIE R	R. L. Polk & Co.

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

#### Address Researched

1345, 1351, 1357 Rogers  
Avenue and 562 East 28th St

#### Address Not Identified in Research Source

2012, 2007, 1992, 1985, 1980, 1976, 1949

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

#### Address Researched

1324 ROGERS AVE

1327 ROGERS

1327 ROGERS AVE

1329 ROGERS AVE

1330 ROGERS AVE

1330 ROGNER AVE

1331 ROGERS AVE

1331A ROGERS AVE

1332 ROGERS AVE

1333 ROGERS AVE

1334 ROGERS AVE

1335 ROGERS AVE

1336 ROGERS AVE

1338 ROGERS AVE

1340 ROGERS AVE

1341 ROGERS AVE

1341 ROGERS AVE

#### Address Not Identified in Research Source

2012, 2007, 2000, 1997, 1992, 1980, 1970, 1945

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960,  
1949, 1945, 1940, 1928

2012, 2007, 1980, 1949

2012, 2007, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945

2012, 2007

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960,  
1949, 1945, 1940, 1928

2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949,  
1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960,  
1949, 1945, 1940, 1928

2012, 2007, 2005, 1980, 1976, 1973, 1970, 1965, 1960, 1934, 1928

2012, 2007, 1980, 1965, 1940

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945,  
1940, 1934, 1928

2012, 2007

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949,  
1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949,  
1945, 1940, 1934, 1928

2012, 2007, 1985, 1980, 1976, 1973, 1970, 1940

2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949,  
1945, 1940, 1934, 1928

---

# **APPENDIX E**

## **Qualifications of Environmental Professionals**

---

## **QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS (EP's)**

### **Jessica E. Proscia, EP**

Ms. Proscia is Project Environmental Scientist with CA RICH Consultants, Inc. Jessica received her Bachelor of Science degree in Health Science for Environmental Health from NY State University at Stony Brook, NY. Her professional Phase I and Phase II ESA experience includes obtaining, coordinating and reviewing historical and regulatory database searches; physical inspection of properties within the tri-state area; collecting air, soil, groundwater, surface water and sediment and materials samples for chemical analyses; and design, preparation/compilation and authoring/co-authoring of draft and final CA RICH ESA reports.

### **Deborah Shapiro, EP**

Ms. Shapiro serves as a Senior Project Manager with CA RICH Consultants, Inc. Deborah received her Bachelor of Arts in Environmental Studies, from The American University, Washington, DC in 1998; and her Master of Science degree in Environmental Science from the same University in 2001. She has over 10 years experience in the environmental field and has performed field investigations and remedial activities at numerous sites in Long Island and New York City (NYC). Ms. Shapiro has assisted in the design and construction of remediation systems and is currently performing operations and maintenance of remediation systems on a regular basis. In addition, Ms. Shapiro conducts Phase I and Phase II Environmental Site Assessments of commercial and industrial properties, as well as other non-industrial properties to facilitate real estate property transfers, loan workouts, and refinances. Ms. Shapiro is also currently working with several developers of 'E' designated and other properties in NYC that need to comply with CEQR on obtaining the "Notice to Proceed" and "Notice of Satisfaction" documents.

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDIX B**

Health and Safety Plan

April 11, 2013

**SITE-SPECIFIC  
HEALTH AND SAFETY PLAN**

**1345, 1351, and 1357 Rogers Avenue  
and 562 E. 28th Street  
Brooklyn, New York**

*Prepared for*

**THE DOE FUND  
232 East 84th Street  
New York, New York 10028**

**ROUX ASSOCIATES, INC.**

*Environmental Consulting & Management*

---



*209 Shafter Street, Islandia, New York 11749 ♦ 631-232-2600*

## TABLE OF CONTENTS

---

1.0 INTRODUCTION .....	1
1.1 Scope of Work .....	2
1.2 Emergency Contacts .....	3
2.0 HEALTH AND SAFETY PERSONNEL RESPONSIBILITIES.....	5
2.1 Office Health and Safety Manager .....	5
2.2 Site Health and Safety Officer .....	5
2.3 Project Principal.....	5
2.4 Project Manager.....	6
2.5 Field Crew Personnel.....	6
3.0 SITE HISTORY AND PHYSICAL DESCRIPTION .....	7
4.0 SITE-RELATED INCIDENTS, COMPLAINTS AND ACTIONS.....	8
5.0 WASTE DESCRIPTION AND CHARACTERIZATION.....	9
6.0 HAZARD ASSESSMENT .....	10
7.0 TRAINING REQUIREMENTS .....	12
7.1 Basic Training.....	12
7.2 Site-Specific Training.....	12
7.3 Safety Briefings .....	12
7.4 Record Keeping Requirements .....	12
8.0 ZONES, PROTECTION AND COMMUNICATIONS .....	13
8.1 Site Zones.....	13
8.1.1 Exclusion Zone .....	13
8.1.2 Contamination Reduction Zone .....	14
8.1.3 Support Zone.....	14
8.2 Personal Protection .....	15
8.2.1 General.....	15
8.2.2 Respiratory Protection and Clothing.....	17
8.2.3 Safety Equipment.....	17
8.3 Communications .....	18
9.0 MONITORING PROCEDURES FOR SITE OPERATIONS.....	19
9.1 Monitoring During Site Operations .....	19
9.2 Personnel Monitoring Procedures.....	19
9.3 Medical Surveillance Requirements .....	19
10.0 SAFETY CONSIDERATIONS FOR SITE OPERATIONS.....	21
10.1 General.....	21
10.2 Site Walk-Throughs.....	21
10.3 Heavy Equipment and Drill Rig Safety .....	21
10.4 Sampling.....	22
10.5 Sample Handling.....	22
10.6 Waste Disposal.....	23
10.7 Heavy Equipment Decontamination.....	23
10.8 Confined Space Entry .....	23

## TABLE OF CONTENTS

(Continued)

10.9 Control of Hazardous Energy (LockOut/Tagout) .....	23
10.10 Hazard Communication .....	25
10.11 Additional Safe Work Practices .....	26
11.0 DECONTAMINATION PROCEDURES .....	28
11.1 Contamination Prevention .....	28
11.2 Decontamination .....	28
12.0 DISPOSAL PROCEDURES .....	30
13.0 EMERGENCY PLAN .....	31
13.1 Site Emergency Coordinator(s).....	31
13.2 Evacuation.....	31
13.3 Potential or Actual Fire or Explosion .....	32
13.4 Environmental Incident (Release or Spread of Contamination) .....	32
13.5 Personal Injury .....	33
13.6 Overt Personnel Exposure.....	33
13.7 Adverse Weather Conditions .....	34
14.0 FIELD TEAM REVIEW .....	35
15.0 APPROVAL PAGE .....	36

### TABLE

1. Site-Specific Hazards – Toxicological, Physical, and Chemical Properties of Compounds

### FIGURE

1. Emergency Route to Hospital

### APPENDICES

- A. Job Safety and Health Protection (OSHA) Poster
- B. Field Change Request
- C. Heat Stress and Cold Stress Information
- D. Accident Reporting Forms
- E. Medical Data Sheet

## 1.0 INTRODUCTION

Roux Associates, Inc. prepared this site-specific Health and Safety Plan (HASP) in accordance with the Occupational Safety and Health Administration's (OSHA's) Hazardous Waste Operation and Emergency Response Standard (29 CFR 1910.120 and 1926.65) and other OSHA requirements for job safety and health protection (Appendix A), and our Standard Operating Procedures. In addition, various guidance documents were also consulted in preparing this HASP including the National Institute for Occupational Safety and Health's (NIOSH's) *Occupation Safety and Health Guidance Manual for Hazardous Waste Site Activities*. The HASP addresses health and safety issues associated with Roux Associates, Inc. conducting and managing investigative and/or remediation activities at the properties located at 1345, 1351, and 1357 Rogers Avenue and 562 E. 28th Street in Brooklyn, New York (Site). This HASP will be implemented by the designated Site Health and Safety Officer (SHSO) during site work. The HASP attempts to identify all potential hazards at the site; however, site conditions are dynamic and new hazards may appear constantly. Personnel must remain alert to existing and potential hazards as site conditions change and protect themselves accordingly.

Compliance with this HASP is required for Roux Associates, Inc. personnel who enter this site. Assistance in implementing this HASP can be obtained from the Roux Associates, Inc. Office Health and Safety Manager (OHSM). The content of this HASP may undergo revision based upon additional information made available. Any changes proposed must be reviewed and approved by the Roux Associates, Inc. OHSM or his designee and documented on the Field Change Request form included as Appendix B. Following are key personnel involved with this project.

<b>Responsibility</b>	<b>Name</b>	<b>Telephone Number</b>	<b>Cell Phones</b>
Project Principal	Joe Duminuco	(631) 232-2600	(631) 921-6279
Project Manager	Jessica Taylor	(631) 232-2600	(631) 831-4205
Site Health and Safety Officer	Chris Geraghty	(631) 232-2600	(631) 774-2051
Office Health and Safety Manager	Ray Fitzpatrick	(631) 232-2600	(631) 484-1168

## **1.1 Scope of Work**

The scope of work will involve Roux Associates, Inc. subcontracting drilling companies, disposal companies, utility locating companies, land surveying companies, and/or analytical testing laboratories for the purpose of investigating environmental conditions at the Site. Roux Associates, Inc. will complete some combination, or all, of the scope of work detailed below:

- Initial site inspections;
- Oversight of utility mark-out activities and ground penetrating radar, if warranted;
- Media (e.g., soil, sediment, soil vapor, air, and groundwater) delineation/sampling activities;
- Oversight of soil boring/monitoring well installation and abandonment activities;
- Groundwater monitoring;
- Oversight of land surveying activities; and
- Disposal activities
- .

Roux Associates, Inc. will contract the drilling company to request a utility mark-out through the state One-Call System at least 4 days prior to the scheduled drilling event. If this mark-out is not sufficient to identify the utilities in the area where drilling activities are to occur, Roux Associates, Inc. will contract and oversee an independent utility mark-out service company to identify potential underground utilities in the area of concern.

Roux Associates, Inc. will contract and oversee a licensed drilling company during Site investigation to perform soil borings and install monitoring wells and soil vapor points. These activities will be completed as part of the monitoring, sampling, and remediation process as required by regulatory agencies at the Site. In most cases, the driller will use a track or truck-mounted drilling rig to conduct these drilling activities.

Roux Associates, Inc. will contract a licensed company to load, transport, and dispose of waste materials at approved disposal facilities. Roux Associates will oversee the loading and check all

paperwork for completeness. Roux Associates, Inc. personnel will NEVER sign any disposal and transportation documentation; the insured or insurance carrier will be responsible for signing all disposal and transportation paperwork.

Roux Associates, Inc. will conduct groundwater monitoring, sampling, and remediation activities as required. Roux Associates, Inc. will conduct these activities using Roux Associates, Inc.-owned or vendor-rented field equipment.

Roux Associates, Inc. will contract and oversee land surveying services.

## 1.2 Emergency Contacts

Type	Name	Telephone Numbers
Police	New York Police Department 63 <sup>rd</sup> Precinct	(718) 258-4411
Fire	FDNY	911
Hospital	Maimonides Medical Center	(718) 283-7140
State Poison Control Centers	New York	(800) 222-1222
Emergency Response	NYPD/FDNY	911
Ambulance	NYPD/FDNY	911

## ENVIRONMENTAL EMERGENCY (e.g., release or spill)

Type	Name	Telephone Numbers	Cell Numbers
Project Principal	Joe Duminuco	(631) 232-2600	(631) 921-6279
Project Manager	Jessica Taylor	(631) 232-2600	(631) 831-4205
Office Health and Safety Manager	Ray Fitzpatrick	(631) 232-2600	(631) 484-1168
Site Health and Safety Officer	Chris Geraghty	(631) 232-2600	(631) 774-2051
National Response Center		(800) 424-8802	

<b>Type</b>	<b>Name</b>	<b>Telephone Numbers</b>	<b>Cell Numbers</b>
<u>Client Contact</u>			
The Doe Fund	Larry Gordon	(646) 672-4467	

Note: All Roux Associates, Inc. site personnel will be equipped with mobile phones.

(Additional emergency information is provided in Section 13.0).

## **2.0 HEALTH AND SAFETY PERSONNEL RESPONSIBILITIES**

### **2.1 Office Health and Safety Manager**

The Office Health and Safety Manager (OHSM) serves in assuring that the policies and procedures of the HASP are implemented by the SHSO. The OHSM provides guidance regarding the appropriate monitoring and safety equipment and other resources necessary in implementing the HASP. The OHSM verifies that all Roux Associates, Inc. personnel designated to work onsite are qualified according to applicable EPA, OSHA, and state requirements.

### **2.2 Site Health and Safety Officer**

The Site Health and Safety Officer (SHSO) will be on-site during intrusive field operations. On a site-specific basis, routine activities such as groundwater sampling and gauging may be performed when the SHSO is not on-site. The SHSO is responsible for health and safety activities and has the authority to make related decisions. The determination of hazard levels will be made by the SHSO. The SHSO has stop-work authorization that he or she will execute upon determination of an imminent safety hazard, emergency situation, or other potentially dangerous situation, such as detrimental weather conditions. Authorization to proceed with work will be issued by the OHSM in consultation with the Project Principal (PP) or his/her designee (e.g., Project Manager [PM]). The SHSO or PP will contact emergency facilities and personnel when appropriate. Alternate SHSOs may be designated by the SHSO, if required, but must be pre-qualified and approved by the OHSM. The SHSO is responsible for verifying that a duplicate office copy of this HASP is placed in the central project files.

### **2.3 Project Principal**

The Project Principal is responsible for defining the overall project objectives (field and office related activities) determining chain-of-command, evaluating program outcome and serves as final technical review of deliverables. For Roux Associates, Inc., the Project Principal is ultimately responsible for overall site activities including health and safety issues. The day-to-day management of health and safety issues is the responsibility of the Project Manager. The SHSO, OHSM, Project Manager, and Project Principal shall consult and make an agreeable determination should site information or unforeseen circumstances indicate a change in field procedures may be warranted. Changes to the HASP must be made by formal addendum and be approved by the

Project Principal, Project Manager, OHSM, and SHSO. The Project Principal is responsible for verifying that all required signatures are in place prior to implementing field work.

#### **2.4 Project Manager**

The Project Manager is responsible for day-to-day activities associated with his/her project including health and safety. Because there may be more than one Project Manager for a site (for example, a Remedial Project Manager and a Site Investigation Project Manager), each Project Manager must verify that the HASP addresses the hazards associated with each phase of the project and is appropriate for the current specified scope of work.

#### **2.5 Field Crew Personnel**

All field crew personnel are responsible for reporting unsafe or hazardous conditions to the SHSO. All field personnel (including the above listed personnel) are responsible for understanding and complying with this HASP.

### **3.0 SITE HISTORY AND PHYSICAL DESCRIPTION**

- Location of Sites

The Site is located in the neighborhood/section Flatbush section of borough Brooklyn and is identified as Block number 5229 and Lot(s) number(s) 11, 15, 17, and 54. .

- Description of Site

Currently, the Site is used for parking and a two-family residence describe current occupancy and contains one two-family building, vacant parking structures, and open parking areas on grade.

- History

Historically, the Site has been involved in auto repair and has had mixed residential and commercial uses. There are no known spills at the Site.

#### **4.0 SITE-RELATED INCIDENTS, COMPLAINTS AND ACTIONS**

There are no known site related incidents, complaints or actions identified at this time.

## 5.0 WASTE DESCRIPTION AND CHARACTERIZATION

Wastes may be encountered or generated during site activities. These wastes are anticipated to be characterized as follows:

- Waste Types

Liquid	<input checked="" type="checkbox"/>	Solid	<input checked="" type="checkbox"/>	Gas	<input checked="" type="checkbox"/>
Sludge	<input type="checkbox"/>	Semi-Solid	<input type="checkbox"/>	Other (describe):	_____

- Waste Characteristics

Corrosive	<input checked="" type="checkbox"/>	Toxic	<input type="checkbox"/>	Ignitable	<input type="checkbox"/>
Volatile	<input checked="" type="checkbox"/>	Carcinogen	<input type="checkbox"/>	Radioactive	<input type="checkbox"/>
Reactive	<input type="checkbox"/>	Other (describe):	<u>Corrosive with respect to HCl preservative in sample bottleware</u>		

For purposes of this HASP, toxic chemicals are those materials as defined by OSHA in 29 CFR 1910.1200 (Appendix A). In general, toxicity is defined by OSHA on the basis of median lethal dose (LD<sub>50</sub>) or median lethal concentration (LC<sub>50</sub>) based upon the effects of the chemical in laboratory studies with animals. A chemical is considered a carcinogen, as defined by OSHA in 29 CFR 1910.1200 (Appendix A), if “(a) It has been evaluated by the International Agency for Research on Cancer (IARC), and found to be a carcinogen or potential carcinogen; or (b) It is listed as a carcinogen or a potential carcinogen in the *Annual Report on Carcinogens* published by the National Toxicology Program (NTP) (latest edition); or (c) It is regulated by OSHA as a carcinogen.”

- Waste Containment

Pond	<input type="checkbox"/>	Process Vessel	<input type="checkbox"/>	Tank	<input type="checkbox"/>
Lagoon	<input type="checkbox"/>	Piping	<input type="checkbox"/>	Lab	<input type="checkbox"/>
Lake	<input type="checkbox"/>	Drum	<input checked="" type="checkbox"/>	Other (describe):	
Tank Car	<input type="checkbox"/>	Soil Stockpile	<input type="checkbox"/>	Describe:	_____

- See Table 1 entitled “Site-Specific Hazards – Toxicological, Physical, and Chemical Properties of Compounds” which addresses exposure limits, routes of exposure, toxic properties, target organs, carcinogenicity, and physical and chemical properties.

## 6.0 HAZARD ASSESSMENT

- Chemical Hazards

- The toxicological, physical, and chemical properties of potential contaminants are presented in Table 1. The compound listed in Table 1 may pose a potential exposure hazard through inhalation, skin absorption, ingestion or a combination of these routes. These exposures will be further controlled through the use of personal protective equipment (PPE), designated action levels based upon on-site air monitoring, and the assignment of experienced field personnel. Chemical hazards are unknown but may include the following petroleum-related compounds: Benzene, Toluene, Ethylbenzene, Xylenes, Diesel Fuel (No.2), Fuel Oil, Gasoline, Kerosene, Slop Oil, Petroleum Hydrocarbons, Mercury Vapor, Lead, and Chromium (VI).

Chemical hazards will be monitored with the following instrument:

- ♦ Photoionization Detector (PID)

Action levels for level of protection upgrades are discussed in Section 8.2.1.

- Ambient Air Hazards

- Potential exposure to impacted airborne particulates.
- Potential exposure to organic vapors.
- All personnel will remain up-wind as the task allows.

- Heat/Cold Stress and Sun Exposure

- Heat and cold stress associated with seasonal temperatures in the Northeast US. Heat stress and cold stress symptoms, prevention, and treatment are described in Appendix C. Protection against sun exposure by wearing a sun screen, hat, and long-sleeved shirts must be implemented when warranted.

- Noise

- Noise, associated with close proximity to operating heavy equipment, power tools, pumps, and generators. Personnel with 8-hour time weighted average (TWA) exposures exceeding 85 dBA must be included in a hearing conservation program in accordance with 29 CFR 1910.95. High noise operations will be evaluated by the SHSO. Noise exposure will be controlled through the use of hearing protection such as ear plugs or ear muffs or by maintaining set-backs from high noise equipment as warranted.

- General Safety Hazards

- Heavy equipment and motor vehicle traffic. Workers shall wear fluorescent vests or high visibility outerwear in high traffic areas and utilize traffic cones, barricades and caution tape to protect work areas, as necessary.

- Slip, trip, fall hazards associated with uneven terrain, obstacles, and slippery or icy surfaces. General housekeeping will be performed to reduce slip, trip and fall hazards.
- Sharp edges, broken glass, exposed nails, rusty metal (wear cut-resistant gloves).
- Pinch points.
- Overhead hazards (wear hard hats as applicable).
- Flying objects and airborne particulate hazards. Wear safety glasses, goggles, or face shields when appropriate.
- Electrical Hazards
  - Portable pumps, generators, and other power tools require proper grounding and/or a ground fault circuit interrupter (GFCI) before operation. Personnel should never attempt to move an operating pump or generator.
  - Overhead and underground utility lines.
- Biological Hazards
  - Biological hazards include the possibility of snake bites, potentially rabid stray or wild animal bites, ticks, or other insect bites and bee and wasp stings. Ticks may carry Lyme disease and/or Rocky Mountain spotted fever. Personnel shall examine themselves for ticks. Insecticides containing DEET may be an effective tick repellent. Personnel allergic to bee and/or wasp stings shall provide medicine and antidotes to treat allergic reactions as prescribed by their personal physician and alert co-workers and the PM of their sensitivity.
  - Other biological hazards include poison ivy, poison oak, and poison sumac. If exposed to these plants, wash skin thoroughly with soap and water.

## **7.0 TRAINING REQUIREMENTS**

### **7.1 Basic Training**

Site personnel who will perform work in areas where there exists the potential for toxic exposure will be health and safety trained prior to performing work onsite per OSHA 29 CFR 1910.120(e). Training records will be maintained by the on-site SHSO and as described in Section 7.2.

### **7.2 Site-Specific Training**

Training will be provided by the SHSO that will specifically address the activities, procedures, monitoring, and equipment for the site operations to site personnel and visitors. The training will include site and facility layout, hazards, emergency services at the site, and will detail provisions contained within this HASP. This training will also allow field workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and operations for their particular activity. Site-specific training will be documented as part of the project records. In addition, any facility health and safety requirements will be followed.

### **7.3 Safety Briefings**

Project personnel will be given briefings by the SHSO on an as-needed basis to further assist them in conducting their activities safely. Safety briefings will be provided at least before the start of work each day and whenever new operations are to be conducted, changes in work practices must be implemented due to new information made available, and before work is begun at each project site. Records of safety briefings will be part of the project records.

### **7.4 Record Keeping Requirements**

Record keeping requirements mandated by OSHA 29 CFR 1910.120 will be strictly followed. Specifically, all personnel training records, accident reporting forms (Appendix D), and medical examination records will be maintained by Roux Associates, Inc. for a period of at least 30 years after the employment termination date of each employee. The SHSO will maintain a daily written log of health and safety monitoring activities and monitoring results will become part of the project records.

## **8.0 ZONES, PROTECTION AND COMMUNICATIONS**

### **8.1 Site Zones**

The level of protection for completion of the scope of work is Level D. Should the level of protection worn by field personnel need to be upgraded to Level C, Roux Associates, Inc. will cease all field activities, evaluate the hazards appropriately, and employ a three-zone approach to site operations to control the potential spread of contamination. If a three-zone approach needs to be implemented, these zones will be restricted to Roux Associates, Inc. personnel and OSHA-trained subcontractors of Roux Associates, Inc. Site occupants, insured, homeowner, or insurance carrier personnel will be requested to view the investigative and/or remediation activities from beyond the Support Zone. Level D operation will not generally require segregated zones. Note, Roux Associates, Inc. does not perform work in Levels A or B. The three zones to be employed when Level C is in use include:

- The Exclusion Zone;
- The Contamination Reduction Zone; and
- The Support Zone.

#### **8.1.1 Exclusion Zone**

The area(s) which contain or are suspected to contain hazardous materials will be considered the Exclusion Zone. This zone will be clearly delineated by a “Hotline.” The “Hotline” is a length of colored flag tape completely surrounding the Exclusion Zone. The SHSO may establish more than one restricted area within the Exclusion Zone when different levels of protection may be used or various hazards exist. Personnel are not allowed in the Exclusion Zone without the following:

- A buddy;
- Appropriate personal protective equipment;
- Medical authorization;
- A need to be in the Zone; and
- Training certification.

For purposes of this project, the Exclusion Zone will typically include all areas inside of a 10-foot radius of the release area, subject to site conditions, including proximity of structures and property boundary.

### **8.1.2 Contamination Reduction Zone**

The Contamination Reduction Zone (CRZ) is established between the Exclusion Zone and the Support Zone. The CRZ will contain the Contamination Reduction Corridor (CRC) and will provide for full personnel and portable equipment decontamination. The CRZ is used for general site entry and egress in addition to access for heavy equipment for investigation activities. The CRZ will also contain safety and emergency equipment (see Section 8.2.3). No personnel are allowed in the Contamination Reduction Zone without:

- A buddy;
- The proper personal protective equipment;
- Medical authorization;
- A need to be in the Zone; and
- Training certification.

For purposes of this project, the CRZ will typically include all areas outside the exclusion zone to 20 feet away from the release area, subject to site conditions, including proximity of structures and property boundary.

### **8.1.3 Support Zone**

The Support Zone is considered the uncontaminated area and will be separated from the CRZ by the “Contamination Control Line.” The “Contamination Control Line” will be a different colored flag tape than the “Hotline.” The Support Zone will contain the support facility, which will provide for team communications and emergency response. At least one person will remain in the Support Zone at all times during operations downrange to facilitate communications and emergency response. Appropriate sanitary facilities and safety and support equipment will be located in this zone. The majority of site operations will be controlled from this location as well as site access of authorized persons. The support facility will be located upwind of site operations, if possible, and may be used as a potential evacuation point. No potentially contaminated

personnel or materials are allowed in this zone except appropriately packaged/ decontaminated and labeled samples and drummed wastes.

For purposes of this project, the Support Zone will include all areas outside of the CRZ.

## **8.2 Personal Protection**

### **8.2.1 General**

Appropriate personal protective equipment (PPE) shall be worn by site personnel when there is a potential exposure to chemical hazards or physical hazards (e.g., falling objects, flying particles, sharp edges, electricity, noise) and as otherwise directed by the SHSO. The level of personal protection, type and kind of equipment selected depends on the hazardous conditions and in some cases cost, availability, compatibility with other equipment, and performance. An accurate assessment of all these factors must be made before work can be safely carried out.

Roux Associates, Inc. maintains a comprehensive written PPE program that addresses proper PPE selection, use, maintenance, storage, fit, and inspection. PPE to be used at the site will meet the appropriate American National Standards Institute (ANSI) standards and the following OSHA (General Industry) standards for PPE.

- Head Protection — 29 CFR 1910.132
- Eye and Face Protection — 29 CFR 1910.133
- Respiratory Protection — 29 CFR 1910.134
- Hand Protection — 29 CFR 1910.138
- Foot Protection — 29 CFR 1910.136
- Protective Clothing — Not specifically regulated

The level of protection to be worn by field personnel will be defined and controlled by the SHSO in conjunction with the Project Principal or his/her designee. Where more than one hazard is indicated, further definition will be provided by review of site hazards, conditions, and operational requirements and by monitoring at the particular operation being conducted. Any upgrades or downgrades must be immediately communicated to the Project Principal or his/her designee.

Protection may be upgraded or downgraded by the SHSO in conjunction with the Project Principal on the basis of action levels presented below:

<b>Task</b>	<b>Level of Protection</b>
Initial site inspection	Level D
Media delineation/sampling activities	Level D
Monitoring well installation and abandonment activities	Level D
Contractor oversight activities	Level D

<b>Action Levels for Respiratory Protection (Total Organic Vapors)</b>	
<b>Total Organic Vapors in Breathing Zone (ppm)<sup>(1)</sup></b>	<b>Action</b>
≤ 5	No Action
> 5 – < 25	Cease Field Operations
≥ 25	Cease Field Operations

<sup>(1)</sup> Based on relative response (sensitivity of PID to total organic vapors).

*PID Action Levels*

If photoionization detector measurements are above five ppm-v but below 25 ppm-v above background for five minutes in the breathing zone, employee protection will be upgraded to Level C with the use of a full-face respirator.

If photoionization detector measurements exceed 25 ppm-v above background for five minutes in the breathing zone, work activities will cease until airborne vapor levels can be reduced to less than 25 ppm-v and are quantified or the SHSO determines alternate methods to be followed in order to proceed.

Most activities are conducted outdoors, where breathing of high vapor levels are not likely in aboveground areas. Excavations which are not to be entered are likely to have higher vapor concentrations. Where a spill occurs in a basement or other indoor area, ventilation will not be as good as outdoors and extra care shall be taken in monitoring vapor levels.

### 8.2.2 Respiratory Protection and Clothing

The type of respiratory protection and clothing to be worn in each level of protection indicated above includes the following:

<b>Level D</b>
Coveralls (as appropriate) Boots/shoes – chemical resistant with steel toes and shanks Safety glasses Hard hat* Gloves Hearing protection (as required)

<b>Level C</b>
Full-face, air-purifying, HEPA cartridge-equipped respirator (MSHA/NIOSH specifically approved for protection from organic vapors and particulates per OSHA 1910.1028) Chemical-resistant clothing (coverall; hooded, two-piece chemical splash suit; chemical-resistant hood and apron; disposable chemical-resistant coveralls) Gloves (outer), chemical-resistant – latex Gloves (inner), chemical-resistant – nitrile Boots (inner), chemical-resistant, steel toe and shank Boots (outer), chemical-resistant (disposable) Hard hat* Hearing protection (as required)

\* Hard hat is not required where there is no overhead hazard unless required by the client and if approved by the SHSO.

### 8.2.3 Safety Equipment

Basic emergency and first-aid equipment will be available at the work site, as appropriate. This may include HASP-specified communications, first-aid kit, emergency eyewash, or emergency shower or drench system, fire extinguisher, and other safety-related equipment. Other safety

equipment will be located at the site of specific operations, e.g., drilling, as appropriate. Traffic cones, barricades, and traffic vests or high visibility outerwear will be used when work is required in high traffic areas.

### **8.3 Communications**

Telephones – for communication with emergency support services/facilities. All Roux Associates, Inc. site personnel will be equipped with a mobile phone.

## **9.0 MONITORING PROCEDURES FOR SITE OPERATIONS**

### **9.1 Monitoring During Site Operations**

The SHSO will monitor wind direction and approximate temperature during all invasive site activities and record the data in a log book. An air monitoring program is important to the safety of on-site and off-site personnel. A preliminary survey, to establish background conditions in the immediate sampling area, may be made prior to the initiation of site work. This survey will be conducted with the appropriate air monitoring instrument(s) as warranted by the field activity. Once this survey has been complete, any change in the type of personal protective equipment will be determined.

Air monitoring may be performed to verify that the proper level of equipment is used and to determine if increased protection or work stoppage is required. A PID may be used by Roux Associates, Inc. on-site to monitor conditions.

Section 8.0 lists the acceptable ranges for each piece of monitoring equipment and the action levels for changes in respiratory protection. Monitoring equipment will be calibrated in accordance with the manufacturer's specifications. Air monitoring during non-invasive site activities will be performed as appropriate as specified in Section 8.2.1. All air monitoring results will become part of the project records.

### **9.2 Personnel Monitoring Procedures**

Personal breathing zone samples, 8-hour, time-weighted average (TWA) sampling, may be conducted if sustained operations in Level C are required and if the sampling is authorized by and under the direct supervision of the Corporate Health and Safety Manager (CHSM). The personal breathing zone samples will be collected according to NIOSH analytical methods and analyzed by an American Industrial Hygiene Association-accredited laboratory.

### **9.3 Medical Surveillance Requirements**

Medical surveillance specifies any special medical monitoring and examination requirements as well as stipulates that all Roux Associates, Inc. personnel and subcontractors are required to pass

the medical surveillance examination or equivalent for hazardous waste work required by 29 CFR 1910.120. As a minimum, the examination will include:

- Complete medical and work histories
- Urinalysis
- Physical Exam
- Vision and Hearing Exam
- Blood Chemistry
- Pulmonary Function Test
- Audiometry

The examination will be annual, at a minimum, and upon termination of employment. Additional medical testing may be required by the OHSM in consultation with the CHSM, company physician and the SHSO if an overt exposure or accident occurs, or if other site conditions warrant further medical surveillance.

## **10.0 SAFETY CONSIDERATIONS FOR SITE OPERATIONS**

### **10.1 General**

Field sampling will be performed under the level of personal protection described in Section 8.0. In this section, non-monitoring safety-related procedures are described.

### **10.2 Site Walk-Throughs**

Safety considerations during site walk-throughs precede all other field operations. The field team will maintain line of sight with each other at all times and regularly maintain communications with the Support Zone. Air monitoring will be performed as indicated in Section 9.0 and will be used to alert the walk-through team if a dangerous situation exists. Air monitoring will assist in prescribing levels of protection for future site operations, designating site layout, and identifying hazard areas, if any.

### **10.3 Heavy Equipment and Drill Rig Safety**

The SHSO will be present on site during invasive operations such as excavation and drilling and will provide health and safety monitoring to verify that appropriate levels of protection and safety procedures are followed by Roux Associates, Inc. personnel. The proximity of chemical, water, sewer, and electrical lines will be identified by a utility mark-out service before any subsurface activity or sampling is attempted. The SHSO and Project Manager shall confirm that the utility mark-out service has been notified at least 72 hours prior to earth disturbing activities and that the mark-out was performed.

Hazardous waste sites use all of the mechanical equipment used on any major construction site. Typical machinery to be found includes pumps, compressors, generators, portable lighting systems, pneumatic tools (drum openers), hydraulic drum crushers, pug mills, forklifts, trucks, dozers, backhoes, and drill rigs. The equipment poses a serious hazard if not operated properly or if personnel near machinery cannot be seen by operators.

Drilling crews are confronted with all of these heavy equipment hazards. They must be responsible for good housekeeping around the rig because of the rods, auger sections, rope, and hand tools used for the operation. Maintenance is a constant requirement. Overhead and buried utilities require special precautions because of electrical and natural gas hazards. Electrical storms

may seek out a standing derrick. The hoist or cathead rope poses specific hazards; always use clean, dry, sound rope. Keep hands away from the test hammer. Hearing loss, while not an immediate danger, is considerable over time. Use hearing protection.

Proper containment and disposal practices will be followed in regard to the potential amount of waste generated during operations. The location of safety equipment and evacuation procedures will be established prior to initiation of operations according to this HASP. The use of hard hats, eye protection, ear protection, and steel-toed boots will be required during heavy equipment operations. Contaminated equipment will be placed on liner material when not in use, or when awaiting and during decontamination. Communications with the Support Zone will be regularly maintained.

#### **10.4 Sampling**

Personnel must wear prescribed clothing, especially eye protection and chemical and cut-resistant gloves when sampling (for protection from chemical preservatives and sharp edges/broken glass). Sample bottles may be bagged prior to sampling to ease decontamination procedures. The sampling team must be aware of emergency evacuation procedures described in this HASP and the location of emergency equipment, including spill containment materials, prior to sampling. Contamination avoidance will be practiced at all times. In some situations, additional monitoring by the SHSO may be needed to confirm or establish the proper level of protection before the sampling team can proceed.

#### **10.5 Sample Handling**

Personnel responsible for the handling of samples will wear the level of protection described in Section 8.0. Samples will be identified as to their hazard and packaged to prevent spillage or breakage. Any unusual sample conditions will be noted. Lab personnel will be advised of sample hazard level and the potential contaminants present. This can be accomplished by a phone call to the lab coordinator and/or inclusion of a written statement with the samples. It may be necessary for the SHSO to review safety procedures in handling site samples to assist or assure that these practices are appropriate for the type of suspected contaminants in the sample.

## **10.6 Waste Disposal**

Waste disposal operations will be monitored by the SHSO and performed under the appropriate level of personal protection described in Section 8.0. Personnel will wear the prescribed clothing, especially eye protection and chemical resistant gloves, when handling or drumming waste materials. Contamination avoidance will be practiced at all times. Also see Section 12.0.

## **10.7 Heavy Equipment Decontamination**

A steam cleaner or pressure washer could be used to decontaminate the drilling equipment. Personnel will exercise caution when using a steam cleaner. The high pressure steam can cause severe burns. Protective gloves, face shields, hard hats, steel-toed boots, and Tyvek suits or rain gear may need to be worn when using steam cleaners.

## **10.8 Confined Space Entry**

The scope of work does not require Roux Associates, Inc. personnel to enter confined space for this project. Any changes to the field activities that may necessitate confined space entry will be reported to the Project Principal and CHSM. No Roux personnel are permitted to make a confined space entry. Confined space is defined as any space, depression, or enclosure that has limited opening for entry and egress, may have limited ventilation, may contain or produce life-threatening atmospheres due to oxygen deficiency, the presence of toxic, flammable, or corrosive contaminants, and which is not intended for continuous occupancy.

Examples of confined spaces prohibited from entry include, but are not limited to, storage tanks, ventilation and exhaust ducts, stacks, pits, basements, silos, vats, vaults, pipes and any topped open space 4 or more feet deep and not adequately ventilated.

## **10.9 Control of Hazardous Energy (LockOut/Tagout)**

Hazardous energy at the site will be controlled through the use of a lockout/tagout procedure developed in accordance with OSHA's lockout/tagout standard (29 CFR 1910.147). The purpose of lockout/tagout procedures is to minimize exposures to hazards from the unexpected energizing, startup or release of residual or stored energy from equipment, machinery, or processes. Lockout/tagout procedures will be followed during the installation, servicing, and maintenance of machines or equipment that involve hazardous energy sources. Hazardous energy sources include

any electrical, mechanical, hydraulic, pneumatic, chemical, thermal, or other energy source that is capable of causing injury to personnel.

Lockout/tagout procedures require the placement of a lock and/or tag on an energy isolating device (a device that physically prevents the transmission or release of energy such as manually operated electrical circuit breakers, disconnect switches, valves and selector switches). After the energy isolation device is placed in the “off” or “safe” position, the lockout/tagout is placed on the energy isolation device to secure it in the “off” or “safe” position. This verifies that the equipment, machinery, or process is not capable of being operated while; installation, servicing, or maintenance is taking place.

If it is determined that lockout/tagout procedures are required for any aspect of site work, the following generic lockout/tagout procedures will be implemented. Note, these procedures will be tailored to the specific application of a lockout/tagout if there is a need for same. Presently, there are no known situations that would require the application of lockout/tagout procedures at this site.

1. Affected personnel and authorized personnel will receive lockout/tagout orientation training to become familiar with procedures to control hazardous energy. Affected personnel is defined as personnel whose job requires that they operate or use equipment, machinery or processes on which servicing or maintenance is being performed under lockout/tagout, or whose job requires them to work in an area in which such servicing or maintenance is being performed. Authorized personnel is defined as a qualified person to whom authority and responsibility to perform a specific lockout and/or tagout assignment has been given by the employer.
2. Before proceeding with the installation, maintenance or servicing of any equipment, machinery, or process at the site for which lockout/tagout procedures apply, a survey will be made to locate and identify associated energy isolation devices.
3. Once the survey is complete, the authorized personnel will notify all affected personnel, including the SHSO that a shutdown of the equipment or machine will occur.
4. Following notification, the equipment, or machine, if operating will be shut down by normal stopping procedure (i.e., depress stop button, open toggle switch, turn light switch off, etc.).
5. Once turned off, the energy isolating device (i.e., circuit breaker, disconnect switch, valve, etc.) will be operated in such a manner that the machine or equipment will be isolated from the energy source (electrical, mechanical, hydraulic, pneumatic, chemical, thermal, etc.).

6. The energy isolating device is then “locked out” by applying the lockout, padlock, and tag to the device. In some cases, a chain must be used (in combination with a padlock) to sufficiently “lockout” a device (i.e., steam valve, hydraulic valve, etc.).
7. The tag will be filled out by the authorized personnel indicating the personnel’s name and the date and time of the lockout.
8. Once the energy isolating device has been locked out and tagged, all potentially hazardous sources or residual energy will be purged or dissipated (i.e., grounding, bleeding, venting, lowering, etc.).
9. After verifying that no personnel are exposed, the authorized personnel will operate (i.e., “try”) the normal operating controls to make certain the equipment will not restart. These operating controls must be returned to the “off” or “neutral” position after the test.
10. Use a volt meter to make sure that work is not energized, if applicable.
11. Attach a “ground stick” of sufficient size to handle any possible fault current to all three phases of the source, if applicable.
12. Maintenance or servicing of the machine or equipment can now be performed.
13. When the maintenance and/or service is completed, the work area is to be inspected to verify that all affected personnel are safely positioned and/or removed. In addition, remove all nonessential items from the equipment.
14. The lockout, padlock, and tag shall then be removed from the energy isolating device by the authorized personnel who applied the lockout devices.
15. Each and every personnel involved with the service or maintenance of the locked out equipment will place their assigned padlock and tag to each and every lockout device and/or chain in such manner that if every other padlock were removed, the personnel would still have a padlock assuring that each and every source of energy is still “locked out.” No personnel may affix the personal lockout/tagout device of another personnel.
16. If work on a piece of equipment or machinery that is locked out carries over to the next shift, the authorized personnel may remove their lockout device, provided that the next authorized personnel applies their lockout device at the same time the previous authorized personnel removes their lockout device.

### **10.10 Hazard Communication**

Personnel working at this site have the right to know about the chemical hazards associated with hazardous materials used and stored onsite. This information will be readily available to all site workers as required by OSHA’s Hazard Communication Standard (29 CFR 1910.1200). This information will be communicated to personnel through the maintenance of a chemical inventory

system, chemical labeling, material safety data sheets (MSDSs), hazard communication training, and a written hazard communication program.

Chemicals imported to the site will bear the original Department of Transportation (DOT) required labeling on the chemical's container. In addition, a new label will be affixed to the original container, if necessary, and to a new container to which the chemical is dispensed providing the chemical name and specific hazard warnings (e.g., flammability, health, reactivity). Hazard warnings will follow either the National Fire Protection Association (NFPA) format or the Hazardous Material Information System (HMIS) format. Both systems are easy to use and rely on numerically ranking hazards on a 0 to 4 scale. Most chemicals used onsite are subject to the Hazard Communication Standard related to sampling activities. These chemicals may include hexane, methanol, acetone, and nitric acid.

#### **10.11 Additional Safe Work Practices**

Refer to the SHSO for specific concerns on each individual site task. The safety rules listed below must be strictly followed:

- Use the buddy system when required.
- Practice contamination avoidance, both on and off site.
- Plan activities ahead of time.
- Do not climb over/under obstacles and barricades.
- Be alert to your own physical condition.
- Watch your co-workers for signs of fatigue, exposure, heat or cold stress, etc.
- Report all accidents, no matter how minor to include near losses, immediately to the SHSO.
- Do not eat, drink, chew gum, apply cosmetics, or use tobacco products while working on site (except in the support zone).
- Be aware of traffic, heavy equipment, and other obstacles around you.
- Do not work on-site while under the influence of drugs or alcohol, including prescription and non-prescription drugs that may impair your performance.
- Copies of this HASP shall be readily accessible at all times.

- Note wind direction. Personnel shall remain upwind wherever possible during on-site activities.
- **READ AND SIGN YOUR HEALTH AND SAFETY PLAN BEFORE ENGAGING IN SITE ACTIVITIES.**

A work/rest regimen will be initiated when ambient temperatures and protective clothing cause a stressful situation. Work will not be conducted without adequate light or without supervision. Safety briefings may be held prior to beginning each task.

## **11.0 DECONTAMINATION PROCEDURES**

### **11.1 Contamination Prevention**

One of the most important aspects of decontamination is contamination prevention. Contamination prevention practices will minimize worker exposure and verify valid sample results by precluding cross contamination. Procedures for contamination prevention include the following:

- For Personnel
  - Do not walk through areas of obvious or known contamination;
  - Do not handle or touch contaminated materials directly;
  - Make sure all PPE has no cuts, tears or other signs of deterioration prior to donning;
  - Fasten all closures on suits, covering with tape, if necessary;
  - Take particular care to protect any skin injuries;
  - Stay upwind of airborne contaminants; and
  - Do not carry cigarettes, gum, etc. into contaminated areas.
- Sampling/Monitoring
  - When required by the SHSO, cover instruments with clear plastic, leaving opening for sampling and exhaust ports; and
  - Bag sample containers prior to the placement of sample material.
- Heavy Equipment
  - Care should be taken to limit the amount of contamination that comes in contact with heavy equipment;
  - If contaminated tools are to be placed on non-contaminated equipment for transport to the decontamination pad, plastic should be used to keep the equipment clean; and
  - Excavated soils should be contained and kept out of the way of workers.

### **11.2 Decontamination**

All personnel and equipment exiting the Exclusion Zone will be thoroughly decontaminated. Safety briefings will explain the decontamination procedures for personnel and portable equipment for the various levels of protection indicated in Section 8.0. Heavy equipment will be

decontaminated with a steam cleaner. Rinseates will be collected, handled, and/or drummed as potentially hazardous waste (see Section 12.0).

#### Equipment Decontamination

Sampling equipment will be decontaminated through the following steps, if necessary:

- fresh water rinse;
- non-phosphate detergent wash;
- fresh water rinse; and
- distilled water rinse.

## **12.0 DISPOSAL PROCEDURES**

Discarded materials, waste materials, or other objects will be handled in such a way as to preclude the potential for spreading contamination, creating a sanitary hazard, or causing litter to be left on site. Potentially contaminated materials as determined by the SHSO, e.g., soil, clothing, gloves, etc., will be bagged or drummed, as necessary, and segregated for disposal. Contaminated materials will be disposed in accordance with appropriate regulations. Non-contaminated materials will be collected and bagged for appropriate disposal as normal domestic waste. Waste disposal operations conducted by Roux Associates, Inc. will be monitored by the SHSO and carried out under the appropriate level of personal protection described in Section 8.0.

### **13.0 EMERGENCY PLAN**

As a result of the hazards on-site and the conditions under which operations are conducted, the possibility of an emergency exists. An emergency plan is required by OSHA 29 CFR 1910.120 to be available for use and is included below. A copy of this plan will be posted in the Support zone at each work site.

#### **13.1 Site Emergency Coordinator(s)**

The Site Emergency Coordinator is the Site Health and Safety Officer. The Site Emergency Coordinator(s) will contact the local fire, police, and other emergency units prior to beginning work on-site. In these contacts, the Site Emergency Coordinator(s) will inform the emergency units about the nature and duration of work expected on the site and the type of contaminants and possible health or safety effects of emergencies involving these contaminants. Also at this time, the coordinators and the emergency response units will make arrangements to handle any emergencies that might occur.

The Site Emergency Coordinator(s) will implement the emergency plan whenever conditions at the site warrant such action. The coordinator(s) will be responsible for assuring the evacuation, emergency treatment, emergency transport of site personnel as necessary, and notification of emergency response units, and the appropriate management staff.

#### **13.2 Evacuation**

In the event of an emergency situation, such as fire, explosion, significant release of particulates, etc., an air horn, automobile horn, or other appropriate device will be sounded by the SHSO or field crew personnel for approximately ten (10) seconds indicating the initiation of evacuation procedures. All persons in both the restricted and non-restricted areas will evacuate and assemble near the Support Zone or other safe area as identified by the Site Emergency Coordinator(s). The Site Emergency Coordinator(s) will have authority to initiate proper action if outside services are required. Under no circumstances will incoming personnel or visitors be allowed to proceed into the area once the emergency signal has been sounded. The SHSO must see that access for emergency equipment is provided and that all spark-producing apparatus has been shutdown once the alarm has been sounded. Once the safety of all personnel is established, the fire department

and other emergency response groups will be notified by telephone of the emergency. Then, other personnel listed in Section 13.4 will be notified.

### **13.3 Potential or Actual Fire or Explosion**

If the potential for a fire exists or if an actual fire or explosion occurs, the following procedures will be implemented:

- Immediately evacuate the site as described above (Section 13.2); and
- Notify fire, security, and police departments.

Note that although home heating oil is classified as a combustible (not flammable) material, fuel oil vapors in a poorly ventilated space, such as a residential basement tank spill, may result in a fire or explosion hazard.

### **Emergency Site Control**

In the event of an emergency, the SHSO will discourage any unauthorized personnel from entering the site. If necessary, the SHSO will contact the proper authorities to assist in control.

### **13.4 Environmental Incident (Release or Spread of Contamination)**

If possible, the spread of contamination will be controlled or stopped. The Site Emergency Coordinator(s) will instruct a person on-site to immediately contact police and fire authorities to inform them of the possible or immediate need for nearby evacuation. If a significant release has occurred, the National Response Center and other appropriate groups will be contacted. Those groups will alert National or Regional Response Teams as necessary. Following these emergency calls, the remaining personnel listed in the table below will be notified, as necessary.

<b>Responsibility</b>	<b>Contact</b>	<b>Telephone</b>
Fire Department	FDNY	911
Emergency Response	FDNY	911
Police Department	NYPD	911
Ambulance	NYPD	911
Hospital	Maimonides Medical Center	(718) 283-7140
National Response Center (Release or Spill)		(800) 424-8802

<b>Responsibility</b>	<b>Contact</b>	<b>Telephone</b>
Chemical Transport Emergency Center CHEMTREC)		(800) 424-9300
Site Health and Safety Officer	Chris Geraghty	(631) 232-2600
Project Manager	Jessica Taylor	(631) 232-2600
Project Principal	Joe Duminuco	(631) 232-2600
Client Contact	Larry Gordon	(646) 672-4467

### **13.5 Personal Injury**

If on-site personnel require emergency medical treatment, the following steps will be taken:

- 1) Notify the Fire Department or Ambulance service and request an ambulance or transport the victim to the hospital, as appropriate.
- 2) Decontaminate to the extent possible prior to administration of first aid or movement to emergency facilities.
- 3) First aid will be provided by emergency medical services (EMS) or by on-site personnel trained in first aid, CPR, and bloodborne pathogens, if available.
- 4) The OHSM will supply medical data sheets (Appendix E) on the victim (if a Roux Associates, Inc. employee) to appropriate medical personnel.

### **13.6 Overt Personnel Exposure**

If an overt exposure to toxic materials occurs, the exposed person will be treated on site as follows:

*Skin Contact:* Remove contaminated clothing. Wash immediately with water. Use soap if available. Contact EMS, if necessary.

*Inhalation:* Remove from contaminated atmosphere. Contact EMS, if necessary. Transport to hospital.

*Ingestion:* Never induce vomiting on an unconscious person. Also, never induce vomiting when acids, alkalis, or petroleum products are suspected. Contact the poison control center. Contact EMS, if necessary.

*Puncture Wound or Laceration:* Decontaminate and transport to emergency medical facility or contact EMS. Do not contact blood or bodily fluids. SHSO or OHSM will provide medical data sheets to medical personnel as requested.

### **13.7 Adverse Weather Conditions**

In the event of adverse weather conditions, the SHSO will determine if work can continue without risking the health and safety of on-site workers. Some of the items to be considered prior to determining if work should continue are the following:

- Heavy rainfall;
- Potential for heat stress (see Appendix D);
- Potential for cold stress and cold-related injuries (see Appendix D);
- Limited visibility;
- Potential for electrical storms;
- Potential for malfunction of H&S monitoring equipment or gear;
- Potential for accidents;
- Unsafe driving and working conditions due to snow or ice; and
- High wind.



**15.0 APPROVAL PAGE**

The Approval Page must be attached and signed by the SHSO, OHSM, Project Manager, and Project Principal.

By their signature, the undersigned certify that this HASP is approved and will be utilized by Roux Associates, Inc. personnel at ACE Group claim sites.

\_\_\_\_\_  
Site Health and Safety Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office Health and Safety Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Principal

\_\_\_\_\_  
Date

**Table 1. Toxicological, Physical, and Chemical Properties of Compounds Potentially Present at the Site**

<b>Compound</b>	<b>CAS #</b>	<b>TLV</b>	<b>IDLH</b>	<b>PEL</b>	<b>Routes of Exposure</b>	<b>Toxic Properties</b>	<b>Target Organs</b>	<b>Physical/Chemical Properties</b>
Benzene	71-43-2	1.6 mg/m <sup>3</sup> 0.5 ppm	Ca (ND)	1 ppm	Dermal; inhalation ingestion	CNS depression Hematopoietic depression Dermatitis	CNS blood skin eyes resp system bone marrow	Liquid (solid below 42°F) BP: 80.093°C flammable LEL: 1.4% UEL: 8.0%
Chromium (VI)	7440-47-3	0.05 mg/m <sup>3</sup> (water soluble) 0.01 mg/m <sup>3</sup> (insoluble)	(ND)	None	Dermal; inhalation; ingestion	Nasal and lung tumors Sensory irritant	lungs eyes skin	Red, rhombic crystals
Diesel Fuel	68334-30-5	100 mg/m <sup>3</sup>	NA	NA	Dermal; inhalation	Resp irritation Dizziness, nausea Skin disorders Liver disorders	lungs CNS skin liver	Light amber liquid Fl.Pt = >100°F LEL = 0.6% UEL = 7.0%
Ethylbenzene	100-41-4	434 mg/m <sup>3</sup> 100 ppm (may lower to 20 ppm)	800 ppm (10% LEL)	435 mg/m <sup>3</sup> 100 ppm	Dermal; inhalation; ingestion	Sensory irritant CNS depressant Narcosis Hematological disorders	eyes skin CNS respiratory system blood	Liquid aromatic odor BP: 277°F Fl.P: 59°F LEL: 1.2% UEL: 7.0%
Fuel Oil	68476-33-5	NA	None	NA	Dermal; inhalation; ingestion	Skin cancer Liver damage Blood disorders	skin liver bone marrow	Dark liquid LEL = 1.0% UEL = 3.0% Fl.Pt = >140°F
Gasoline	8006-61-9	300 ppm 890 mg/m <sup>3</sup> carcinogen	carcinogen	900 mg/m <sup>3</sup> 300 ppm	Dermal; inhalation; ingestion	CNS depression Sensory irritant Dermatitis Pulmonary Edema	CNS eyes skin resp system	Liquid, aromatic Fl.Pt = -50°F
Kerosene	8008-20-6	200 mg/m <sup>3</sup>	NA	NA	Dermal; inhalation	Eye/skin irritation Resp. irritation Dizziness, nausea	eyes skin resp. system CNS	yellow to white oily liquid Fl.Pt = >100-162°F LEL = 0.7% UEL = 5.0%

**Table 1. Toxicological, Physical, and Chemical Properties of Compounds Potentially Present at the Site**

<b>Compound</b>	<b>CAS #</b>	<b>TLV</b>	<b>IDLH</b>	<b>PEL</b>	<b>Routes of Exposure</b>	<b>Toxic Properties</b>	<b>Target Organs</b>	<b>Physical/Chemical Properties</b>
Lead	7439-92-1	0.05 mg/m <sup>3</sup>	700 100 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	Dermal; inhalation; ingestion	Abdominal pain CNS depressant Anemia Nephropathy Reproductive effects	GI tract CNS blood kidneys	Metal - soft gray BP: 3164°F
Mercury vapor (Elemental)	7439-97-6	0.025 (skin)	28 mg/m <sup>3</sup>	0.05 (skin)	Dermal; inhalation; ingestion	Tremor Insomnia Chest pain GI disturbance Eye irritant Skin irritant	skin resp system CNS kidneys eyes	Silver, white, odorless liquid BP = 674°F
Petroleum hydrocarbons (Petroleum distillates)	8002-05-9	N/A	1,100 ppm	2,000 mg/m <sup>3</sup> 500 ppm	Dermal; inhalation; ingestion	CNS depressant Respiratory irritant Dried/cracked skin	CNS respiratory tract skin	Colorless liquid BP: 86-460°F UEL: 5.9% LEL: 1.1% flammable
Slop Oil	68477-26-9	NA	NA	NA	Dermal	Eye irritation Skin irritation	eyes skin	Dark liquid Fl.Pt = >300°F LEL = 0.6% UEL = 7.0%
Toluene	108-88-3	75 mg/m <sup>3</sup> 20 ppm	500 ppm	200 ppm	Dermal; inhalation; ingestion	CNS depression Liver damage Kidney damage Defatting of skin	CNS liver kidney skin	Liquid benzene odor BP: 110.4°C flammable LEL: 1.2% UEL: 7.1%
Xylene(s)	1330-20-7	434 mg/m <sup>3</sup> 100 ppm	900 ppm	435 mg/m <sup>3</sup> 100 ppm	Dermal; inhalation; ingestion	Sensory irritant Blood dyscrasia Bronchitis CNS depression	CNS eyes skin GI tract blood liver kidneys	Liquid Aromatic odor BP: 138.5° flammable LEL: 1.1% UEL: 7.0%

---

**Notes:**

- Ca – Carcinogen
- TLV – Threshold Limit Value, as 8-hr. time-weighted averages (ACGIH)
- IDLH – Immediately Dangerous to Life and Health (OSHA)
- PEL – Permissible Exposure Level (OSHA)
- PPM – Parts per million
- mg/m<sup>3</sup> – milligrams per cubic meter
- Fl. Pt. – Flash point
- LEL – Lower Explosive Level
- UEL – Upper Explosive Level
- BP – Boiling Point
- NA – Not Available
- ND – Not Determined

**References:**

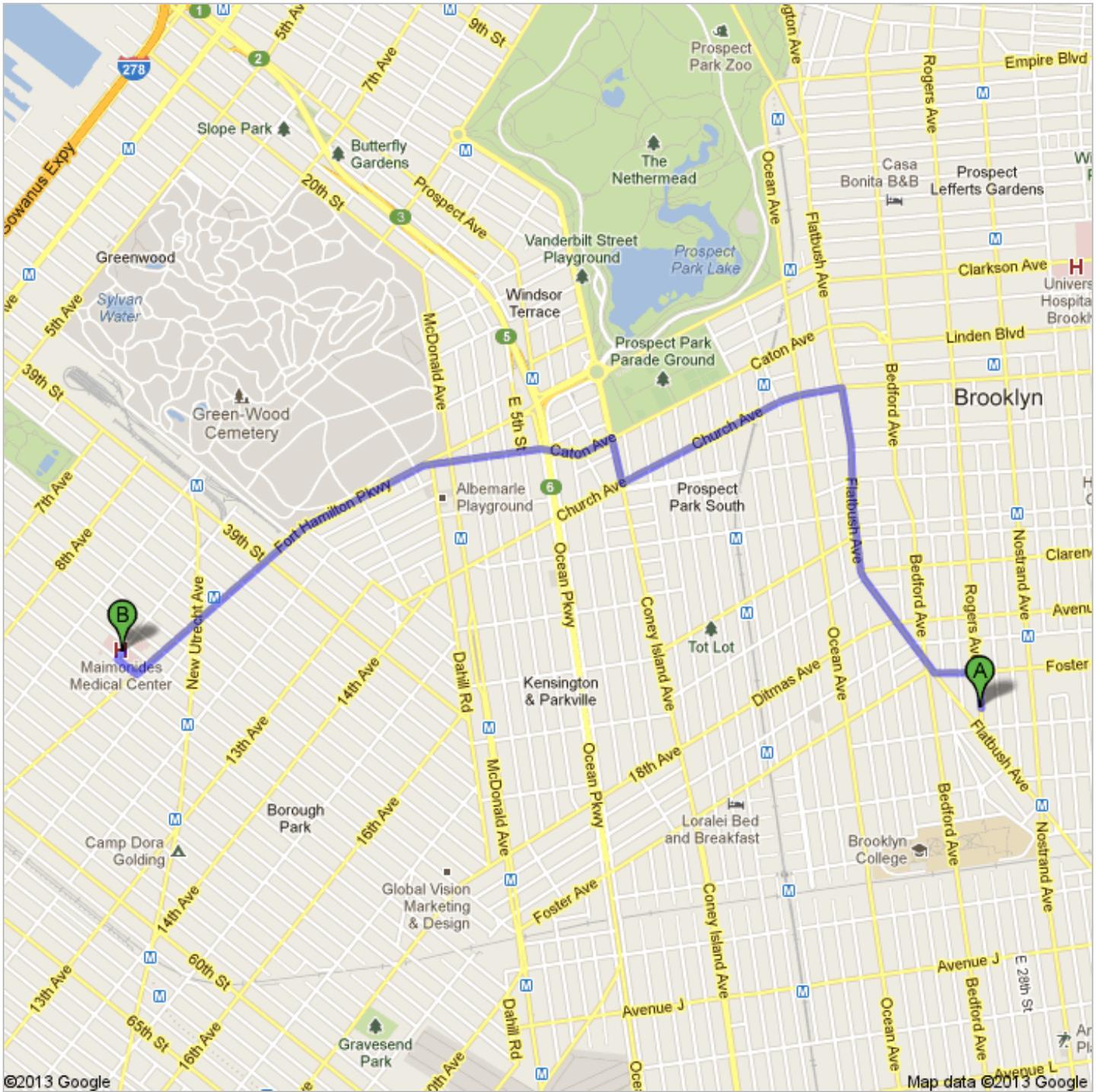
- 2010 TLVs® and BEIs®. American Conference of Governmental Industrial Hygienists.
- Hawley's Condensed Chemical Dictionary, Sax, N. Van Nostrand and Reinhold Company, 11th Edition, 1987.
- Occupational Safety and Health Administration, 1993. General Industry Air Contaminant Standard (2a CFR 1910.1000).
- Proctor, N.H., J.P. Hughes and M.L. Fischman, 1989. Chemical Hazards of the Workplace. Van Nostrand Reinhold. New York.
- Sax, N.I. and R.J. Lewis, 1989. Dangerous Properties of Industrial Materials. 7th Edition. Van Nostrand Reinhold. New York.
- U.S. Department of Health and Human Services, 1997. NIOSH Pocket Guide to Chemical Hazards.



### Directions to Maimonides Medical Center

4802 10th Ave, New York, NY 11219

3.7 mi – about 14 mins



**A** 1345 Rogers Ave, Brooklyn, NY 11210

1. Head **north** on **Rogers Ave** toward **Foster Ave** go 0.1 mi  
total 0.1 mi
-  2. Take the 1st left onto **Foster Ave**  
About 52 secs go 0.1 mi  
total 0.2 mi
-  3. Turn right onto **Flatbush Ave**  
About 3 mins go 0.9 mi  
total 1.1 mi
-  4. Turn left onto **Church Ave**  
About 3 mins go 0.7 mi  
total 1.8 mi
-  5. Turn right onto **Coney Island Ave** go 0.1 mi  
total 2.0 mi
-  6. Take the 2nd left onto **Caton Ave**  
About 3 mins go 0.6 mi  
total 2.5 mi
7. Continue onto **Fort Hamilton Pkwy** go 1.0 mi  
total 3.6 mi  
About 3 mins
-  8. Turn right onto **49th St** go 374 ft  
total 3.6 mi
-  9. Take the 1st right onto **10th Ave** go 148 ft  
total 3.7 mi  
Destination will be on the left

**B** **Maimonides Medical Center**  
4802 10th Ave, New York, NY 11219

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2013 Google

Directions weren't right? Please find your route on [maps.google.com](http://maps.google.com) and click "Report a problem" at the bottom left.

**Job Safety and Health Protection  
(OSHA) Poster**

# Job Safety and Health

## It's the law!



Occupational Safety  
and Health Administration  
U.S. Department of Labor

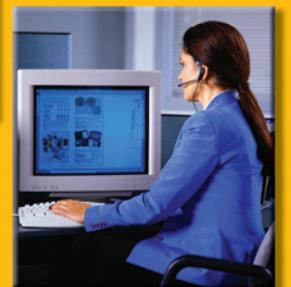
### EMPLOYEES:

- You have the right to notify your employer or OSHA about workplace hazards. You may ask OSHA to keep your name confidential.
- You have the right to request an OSHA inspection if you believe that there are unsafe and unhealthful conditions in your workplace. You or your representative may participate in that inspection.
- You can file a complaint with OSHA within 30 days of retaliation or discrimination by your employer for making safety and health complaints or for exercising your rights under the *OSH Act*.
- You have the right to see OSHA citations issued to your employer. Your employer must post the citations at or near the place of the alleged violations.
- Your employer must correct workplace hazards by the date indicated on the citation and must certify that these hazards have been reduced or eliminated.
- You have the right to copies of your medical records and records of your exposures to toxic and harmful substances or conditions.
- Your employer must post this notice in your workplace.
- You must comply with all occupational safety and health standards issued under the *OSH Act* that apply to your own actions and conduct on the job.

### EMPLOYERS:

- You must furnish your employees a place of employment free from recognized hazards.
- You must comply with the occupational safety and health standards issued under the *OSH Act*.

**This free poster available from OSHA –  
The Best Resource for Safety and Health**



Free assistance in identifying and correcting hazards or complying with standards is available to employers, without citation or penalty, through OSHA-supported consultation programs in each state.

**1-800-321-OSHA**  
[www.osha.gov](http://www.osha.gov)

OSHA 3165-12-06R

**Field Change Request**

**HEALTH AND SAFETY FIELD CHANGE REQUEST FORM**

**SITE SAFETY REVIEW – CHANGES AND OVERALL EVALUATION  
(To Be Completed For Each Field Change In Plan)**

Was the Safety Plan followed as presented?      \_\_\_\_\_ Yes      \_\_\_\_\_ No

Describe, in detail, all changes to the Safety Plan:

---

---

---

Reasons for changes:

---

---

---

Follow-Up, Review and Evaluation Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Discipline \_\_\_\_\_

Approved by: Site Manager \_\_\_\_\_ Date \_\_\_\_\_

Site Safety Officer \_\_\_\_\_ Date \_\_\_\_\_

Approved by: Office Health & Safety Manager \_\_\_\_\_ Date \_\_\_\_\_

Evaluation of Site Safety Plan:

Was the Safety Plan adequate?      \_\_\_\_\_ Yes      \_\_\_\_\_ No

What changes would you recommend?

---

---

---

---

**Heat Stress and  
Cold Stress Information**

**Heat Stress**

Heat stress is a significant potential hazard and can be associated with heavy physical activity and/or the use of personal protective equipment (PPE) in hot weather environments.

Heat cramps are brought on by prolonged exposure to heat. As an individual sweats, water and salts are lost by the body resulting in painful muscle cramps. The signs and symptoms of heat cramps are as follows:

- severe muscle cramps, usually in the legs and abdomen;
- exhaustion, often to the point of collapse; and
- dizziness or periods of faintness.

First aid treatment includes moving to a shaded area, rest, and fluid intake. Normally, the individual should recover within one-half hour. If the individual has not recovered within 30 minutes and the temperature has not decreased, the individual should be transported to a hospital for medical attention.

Heat exhaustion may occur in a healthy individual who has been exposed to excessive heat. The circulatory system of the individual fails as blood collects near the skin in an effort to rid the body of excess heat. The signs and symptoms of heat exhaustion are as follows:

- rapid and shallow breathing;
- weak pulse;
- cold and clammy skin with heavy perspiration;
- skin appears pale;
- fatigue and weakness;
- dizziness; and
- elevated body temperature.

First aid treatment includes cooling the victim, elevating the feet, and replacing fluids and electrolytes. If the individual has not recovered within 30 minutes and the temperature has not decreased, the individual should be transported to the hospital for medical attention.

Heat stroke occurs when an individual is exposed to excessive heat and stops sweating. This condition is classified as a **MEDICAL EMERGENCY**, requiring immediate cooling of the victim and transport to a medical facility. The signs and symptoms of heat stroke are as follows:

- dry, hot, red skin;
- body temperature approaching or above 105°F;
- large (dilated) pupils; and
- loss of consciousness – the individual may go into a coma.

First aid treatment requires immediate cooling and transportation to a medical facility.

Heat stress (heat cramps, heat exhaustion, and heat stroke) is a significant hazard if any type of protective equipment (semi-permeable or impermeable) which prevents evaporative cooling is worn in hot weather environments. Local weather conditions may require restricted work schedules in order to adequately protect personnel. The use of work/rest cycles (including working in the cooler periods of the day or evening) and training on the signs and symptoms of heat stress should help prevent heat-related illnesses from occurring. Work/rest cycles will depend on the work load required to perform each task, type of protective equipment, temperature, and humidity. In general, when the temperature exceeds 88°F, a 15 minute rest cycle will be initiated once every two hours. In addition, potable water and fluids containing electrolytes (e.g., Gatorade) will be available to replace lost body fluids.

### **Cold Stress**

Cold stress is a danger at low temperatures and when the wind-chill factor is low. Prevention of cold-related illnesses is a function of whole-body protection. Adequate insulating clothing must be used when the air temperature is below 40°F. In addition, reduced work periods followed by rest in a warm area may be necessary in extreme conditions. Training on the signs and symptoms of cold stress should prevent cold-related illnesses from occurring. The signs and symptoms of cold stress include the following:

- severe shivering;
- abnormal behavior;

- slowing of body movement;
- weakness;
- stumbling or repeated falling;
- inability to walk;
- collapse; and/or
- unconsciousness.

First aid requires removing the victim from the cold environment and seeking medical attention immediately. Also, prevent further body heat loss by covering the victim lightly with blankets. Do not cover the victim's face. If the victim is still conscious, administer hot drinks, and encourage activity, such as walking wrapped in a blanket.

**Accident Reporting Forms**

# ACORD™ AUTOMOBILE LOSS NOTICE

DATE

<b>PRODUCER</b> James C. Herrmann & Associates LTD 265 Sunrise Highway, Suite #20 Rockville Centre, NY 11570		<b>PHONE (A/C, No, Ext):</b> 516-678-2626	<b>COMPANY</b> Commerce & Industry	<b>NAIC CODE:</b> 19410	<b>MISCELLANEOUS INFO (Site &amp; location code)</b>		
<b>CODE:</b> AGENCY CUSTOMER ID:		<b>SUB CODE:</b>	<b>EFFECTIVE DATE</b> 06/01/11	<b>EXPIRATION DATE</b> 06/01/12	<b>DATE OF ACCIDENT AND TIME</b>	AM <input type="checkbox"/> PM <input type="checkbox"/>	<b>PREVIOUSLY REPORTED</b> YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>POLICY NUMBER</b> CA-3777920			<b>REFERENCE NUMBER</b>	<b>CAT #</b>			

<b>INSURED</b> NAME AND ADDRESS Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749		<b>SOC SEC # OR FEIN:</b> 11-2579482	<b>CONTACT</b> NAME AND ADDRESS Susan Sullivan, General Counsel Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749		CONTACT INSURED	<b>WHERE TO CONTACT</b> Fax Notice: 631-232-1525
<b>RESIDENCE PHONE (A/C, No)</b> NA	<b>BUSINESS PHONE (A/C, No, Ext)</b> 631-232-2600	<b>RESIDENCE PHONE (A/C, No)</b>	<b>BUSINESS PHONE (A/C, No, Ext)</b> 631-232-2600		<b>WHEN TO CONTACT</b>	

<b>LOSS</b> LOCATION OF ACCIDENT (Include city & state)	AUTHORITY CONTACTED: REPORT #:	VIOLATIONS/CITATIONS
DESCRIPTION OF ACCIDENT (Use separate sheet, if necessary)		

<b>POLICY INFORMATION</b>						
BODILY INJURY (Per Person)	BODILY INJURY (Per Accident)	PROPERTY DAMAGE	SINGLE LIMIT	MEDICAL PAYMENT	OTC DEDUCTIBLE	OTHER COVERAGE & DEDUCTIBLES (UM, no-fault, towing, etc)
LOSS PAYEE					COLLISION DED	
UMBRELLA/ EXCESS	UMBRELLA	EXCESS	CARRIER:	LIMITS:	AGGR	PER CLAIM/OCC
						SIR/ DED

<b>INSURED VEHICLE</b>									
VEH #	YEAR	MAKE:	BODY TYPE:		PLATE NUMBER			STATE	
		MODEL:	V.I.N.:						
OWNER'S NAME & ADDRESS					RESIDENCE PHONE (A/C, No):				
					BUSINESS PHONE (A/C, No, Ext):				
DRIVER'S NAME & ADDRESS (Check if same as owner)					RESIDENCE PHONE (A/C, No):				
					BUSINESS PHONE (A/C, No, Ext):				
RELATION TO INSURED (Employee, family, etc.) Employee		DATE OF BIRTH	DRIVER'S LICENSE NUMBER		STATE	PURPOSE OF USE		USED WITH PERMISSION? YES <input type="checkbox"/> NO <input type="checkbox"/>	
DESCRIBE DAMAGE			ESTIMATE AMOUNT	WHERE CAN VEHICLE BE SEEN?		WHEN CAN VEH BE SEEN?	OTHER INSURANCE ON VEHICLE		

<b>PROPERTY DAMAGED</b>			
DESCRIBE PROPERTY (If auto, year, make, model, plate #)		OTHER VEH/PROP INS? YES <input type="checkbox"/> NO <input type="checkbox"/>	COMPANY OR AGENCY NAME: POLICY #:
OWNER'S NAME & ADDRESS		RESIDENCE PHONE (A/C, No):	
		BUSINESS PHONE (A/C, No, Ext):	
OTHER DRIVER'S NAME & ADDRESS (Check if same as owner)		RESIDENCE PHONE (A/C, No):	
		BUSINESS PHONE (A/C, No, Ext):	
DESCRIBE DAMAGE		ESTIMATE AMOUNT	WHERE CAN DAMAGE BE SEEN?

<b>INJURED</b>							
NAME & ADDRESS		PHONE (A/C, No)	PED	INS VEH	OTH VEH	AGE	EXTENT OF INJURY

<b>WITNESSES OR PASSENGERS</b>					
NAME & ADDRESS		PHONE (A/C, No)	INS VEH	OTH VEH	OTHER (Specify)

REMARKS (Include adjuster assigned)			
REPORTED BY	REPORTED TO	SIGNATURE OF INSURED	SIGNATURE OF PRODUCER

### **Applicable in Arizona**

For your protection, Arizona law requires the following statement to appear on this form. Any person who knowingly presents a false or fraudulent claim for payment of a loss is subject to criminal and civil penalties.

### **Applicable in Arkansas, District of Columbia, Kentucky, Louisiana, Maine, Michigan, New Jersey, New Mexico, Pennsylvania and Virginia**

Any person who knowingly and with intent to defraud any insurance company or another person, files a statement of claim containing any materially false information, or conceals for the purpose of misleading, information concerning any fact, material thereto, commits a fraudulent insurance act, which is a crime, subject to criminal prosecution and civil penalties. In D.C., LA, ME and VA insurance benefits may also be denied.

### **Applicable in California**

Any person who knowingly files a statement of claim containing any false or misleading information is subject to criminal and civil penalties.

### **Applicable in Colorado**

It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policy holder or claimant for the purpose of defrauding or attempting to defraud the policy holder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the Department of Regulatory Agencies.

### **Applicable in Florida and Idaho**

Any person who knowingly and with the intent to injure, Defraud, or Deceive any Insurance Company Files a Statement of Claim Containing any False, Incomplete or Misleading information is Guilty of a Felony.\*

\* In Florida - Third Degree Felony

### **Applicable in Hawaii**

For your protection, Hawaii law requires you to be informed that presenting a fraudulent claim for payment of a loss or benefit is a crime punishable by fines or imprisonment , or both.

### **Applicable in Indiana**

A person who knowingly and with intent to defraud an insurer files a statement of claim containing any false, incomplete, or misleading information commits a felony.

### **Applicable in Minnesota**

A person who files a claim with intent to defraud or helps commit a fraud against an insurer is guilty of a crime.

### **Applicable in Nevada**

Pursuant to NRS 686A.291, any person who knowingly and willfully files a statement of claim that contains any false, incomplete or misleading information concerning a material fact is guilty of a felony.

### **Applicable in New Hampshire**

Any person who, with purpose to injure, defraud or deceive any insurance company, files a statement of claim containing any false, incomplete or misleading information is subject to prosecution and punishment for insurance fraud, as provided in RSA 638:20.

### **Applicable in New York**

Any person who knowingly makes or knowingly assists, abets, solicits or conspires with another to make a false report of the theft, destruction, damage or conversion of any motor vehicle to a law enforcement agency, the Department of Motor Vehicles or an insurance company, commits a fraudulent insurance act, which is a crime, and shall also be subject to a civil penalty not to exceed five thousand dollars and the value of the subject motor vehicle or stated claim for each violation.

### **Applicable in Ohio**

Any person who, with intent to defraud or knowing that he/she is facilitating a fraud against an insurer, submits an application or files a claim containing a false or deceptive statement is guilty of insurance fraud.

### **Applicable in Oklahoma**

WARNING: Any person who knowingly and with intent to injure, defraud or deceive any insurer, makes any claim for the proceeds of an insurance policy containing any false, incomplete or misleading information is guilty of a felony.

**Medical Data Sheet**

# MEDICAL DATA SHEET

This form must be completed by all on-site personnel prior to the commencement of activities, and shall be kept by the Site Health and Safety Officer during site activities. This form must be delivered to any attending physician when medical assistance is needed.

*(This form should be typed or printed legibly.)*

Site: \_\_\_\_\_

Name: \_\_\_\_\_ Home Telephone: \_\_\_\_\_  
(Area Code/Telephone Number)

Address: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Height: \_\_\_\_\_ Weight: \_\_\_\_\_

Emergency Contact: \_\_\_\_\_ Telephone: \_\_\_\_\_  
(Area Code/Telephone Number)

Drug Allergies or Other Allergies: \_\_\_\_\_

\_\_\_\_\_

Previous Illnesses or Exposures to Hazardous Substances: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Current Medication (Prescription and Non-Prescription): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Medical Restrictions: \_\_\_\_\_

\_\_\_\_\_

Name, Address and Telephone Number of Person Physician: \_\_\_\_\_

\_\_\_\_\_

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDIX C**

Soil Boring/Well Construction Logs



ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# SOIL BORING LOG

WELL NO. <b>SB-1101</b>	NORTHING <b>171245.1</b>	EASTING <b>997958.7</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>	LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>	
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>North side of Lot 11</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
LAND SURFACE ELEVATION <b>24.32(FT.)</b>	DEPTH TO WATER <b>Not Measured</b>	SAMPLING METHOD <b>2" Macro-Core</b>
		START-FINISH DATE <b>4/15/13-4/17/13</b>
		BACKFILL <b>Cuttings</b>

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			
		FILL (Brown, fine to medium SAND, little Gravel); moist		0.2	Hand cleared to 5 ft below land surface (bls)
		FILL (Brown, fine to medium SAND, little Gravel and Brick); moist			Sample SB-1101 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
		FILL (Brown, fine to medium SAND, little Gravel); moist			
		CONCRETE			
		Light brown, SILTY SAND; moist			
5				0.0	4.25 ft recovery
		Light brown, fine to medium SAND; moist			
10		Light brown, fine to medium SAND, trace gravel; moist		0.0	4 ft recovery
		Light brown, fine to medium SAND; moist			Sample SB-1101 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
15					Bottom of boring at 15 ft bls

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13



ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# SOIL BORING LOG

WELL NO. <b>SB-1102</b>	NORTHING <b>171196.8</b>	EASTING <b>997914.7</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>Southwest side of Lot 11</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
LAND SURFACE ELEVATION <b>23.95</b>	DEPTH TO WATER <b>Not Measured</b>	SAMPLING METHOD <b>2" Macro-Core</b>
		START-FINISH DATE <b>4/15/13-4/19/13</b>
BACKFILL <b>Cuttings</b>		
<b>23.96(FT.)</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1		ASPHALT FILL (Brown, fine to medium SAND, little Gravel); moist to dry		0.1	Hand cleared to 5 ft below land surface (bls) Sample SB-1102 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
2		FILL (Light brown, SILTY SAND); moist			
3					
4					
5					
6		ASPHALT FILL (Brown, fine to medium SAND); wet		0	3.75 ft recovery
7		Brown, fine to medium SAND; moist			
8		Brown, fine to medium SAND, trace gravel; moist			
9					
10					
11		Brown, fine to medium SAND; moist		0.3	2 ft recovery Sample SB-1102 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
12					Bottom of boring at 12 ft bls

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13

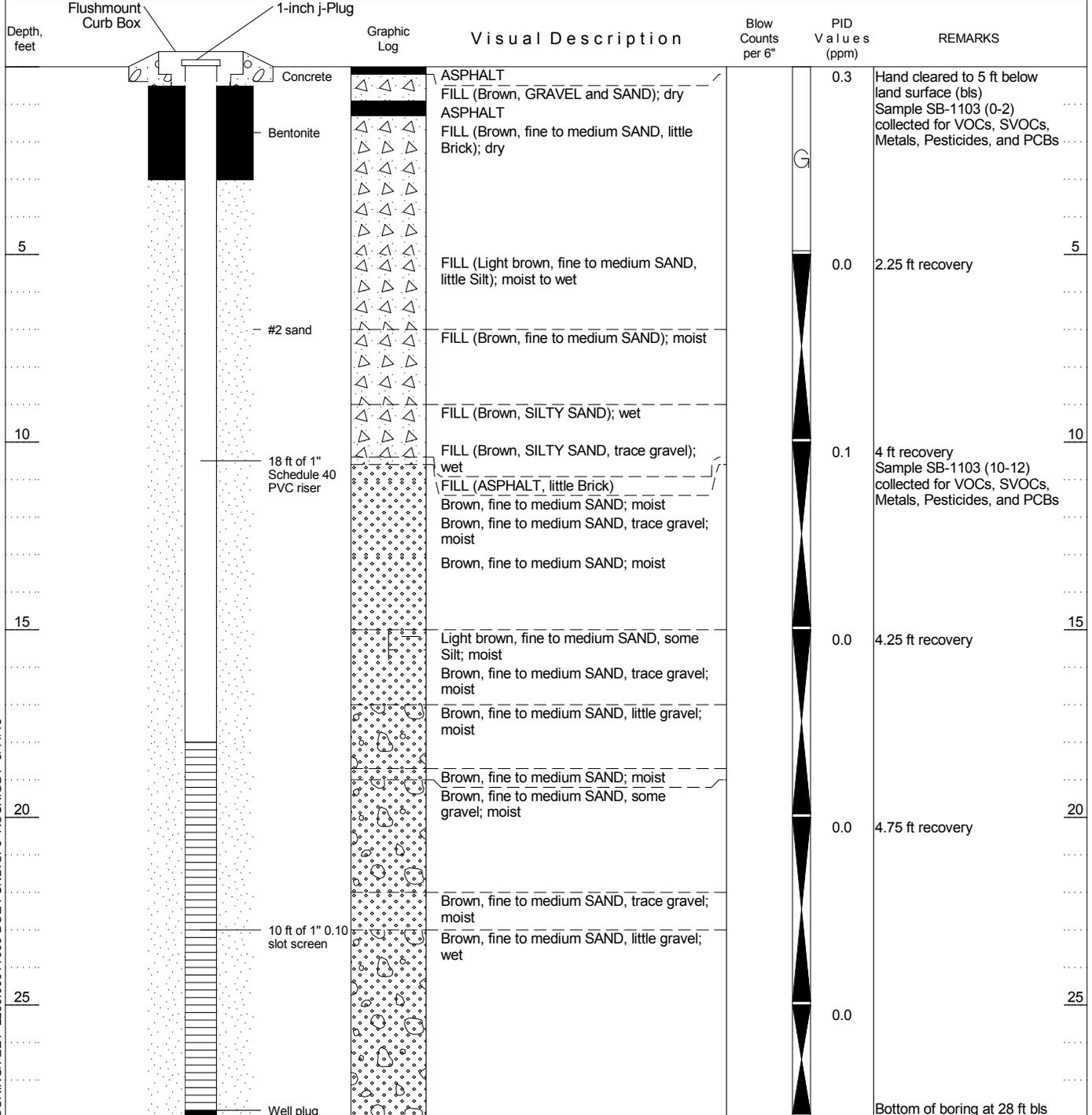


ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# WELL CONSTRUCTION LOG

WELL NO. <b>SB-1103/MW-4</b>	NORTHING <b>171199.7</b>	EASTING <b>997988.6</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>Southeast side of Lot 17</b>
DRILL BIT DIAMETER/TYPE <b>3.25-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>3.25-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
CASING MAT./DIA. <b>PVC / 1-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Macro-Core</b>
ELEVATION OF: (Feet)	GROUND SURFACE <b>23.96</b>	TOP OF WELL CASING <b>23.74</b>
		TOP & BOTTOM SCREEN <b>6.0 / -4.0</b>
		TOTAL LENGTH <b>10.0ft</b>
		DIA. <b>1-inch</b>
		SLOT SIZE <b>10-Slot</b>
		GRAVEL PACK SIZES <b>Morie #2</b>



BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13



ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# SOIL BORING LOG

WELL NO. <b>SB-1501</b>	NORTHING <b>171278.9</b>	EASTING <b>997981.7</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>West side of Lot 15</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
LAND SURFACE ELEVATION <b>24.22(FT.)</b>	DEPTH TO WATER <b>Not Measured</b>	SAMPLING METHOD <b>2" Macro-Core</b>
		START-FINISH DATE <b>4/16/13-4/17/13</b>
		BACKFILL <b>Cuttings</b>

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1		ASPHALT CONCRETE		0.3	Hand cleared to 5 ft below land surface (bls) Sample SB-1501 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
2		ASPHALT FILL (Light brown, SILTY SAND); moist			
3					
4					
5					
6				0.1	3.75 ft recovery
7					
8		FILL (Light brown, fine to medium SAND); moist			
9		FILL (Light brown, fine to medium SAND, little Silt); moist			
10		FILL (Light brown, SILTY SAND); wet			
11		FILL (CONCRETE and ASPHALT) Brown, fine to medium SAND, some Gravel; moist		0.0	2 ft recovery Sample SB-1501 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
12		Brown, fine to medium SAND, trace gravel, moist			Bottom of boring at 12 ft bls

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13

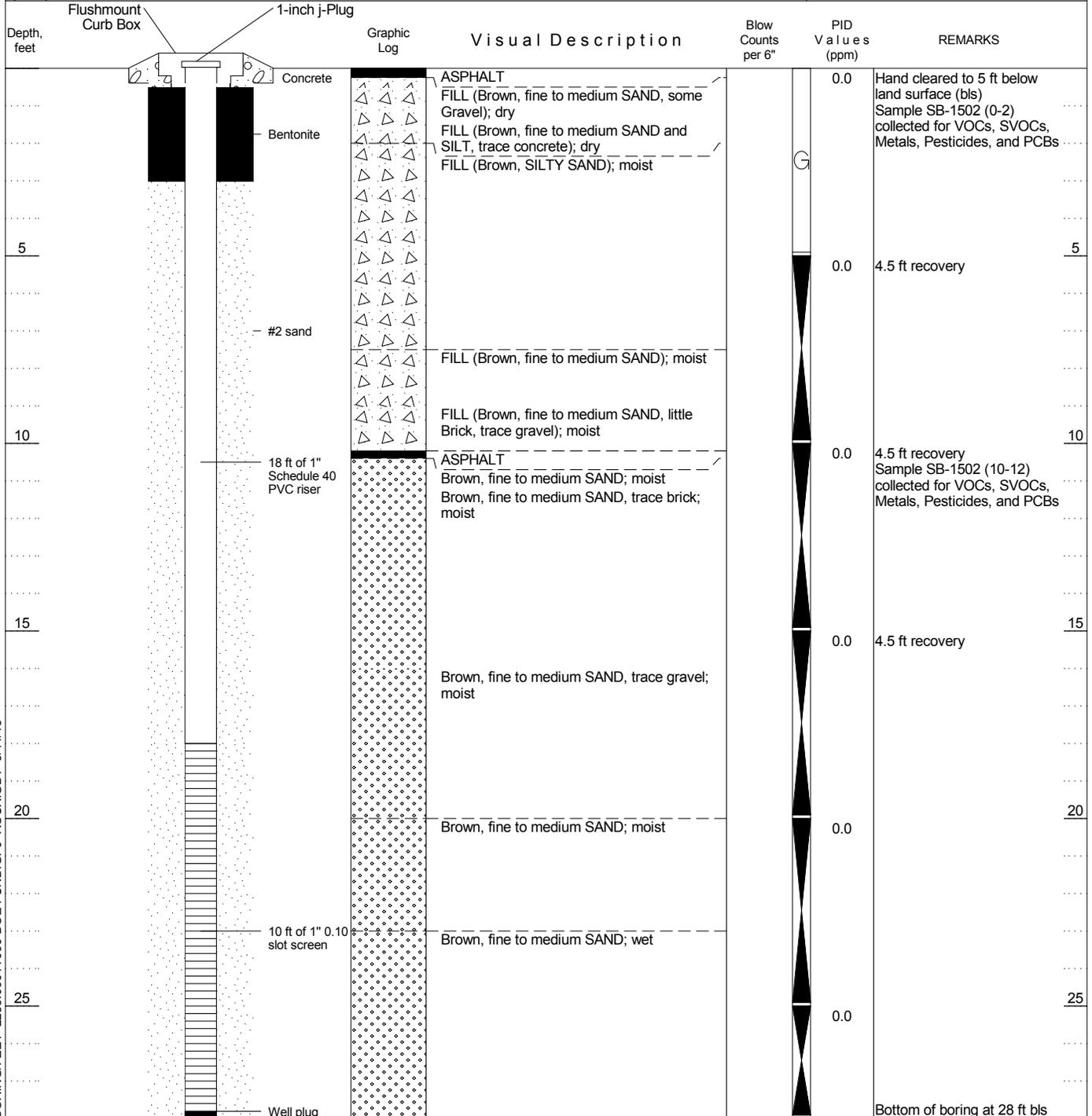


ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# WELL CONSTRUCTION LOG

WELL NO. <b>SB-1502/MW-3</b>	NORTHING <b>171290.2</b>	EASTING <b>997944.3</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>East side of Lot 15</b>
DRILL BIT DIAMETER/TYPE <b>3.25-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>3.25-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
CASING MAT./DIA. <b>PVC / 1-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Macro-Core</b>
ELEVATION OF: (Feet)		START-FINISH DATE <b>4/15/13-4/19/13</b>
GROUND SURFACE <b>24.08</b>	TOP OF WELL CASING <b>23.93</b>	GRAVEL PACK SIZES <b>Morie #2</b>
TOTAL LENGTH <b>10.0ft</b>		DIA. <b>1-inch</b> SLOT SIZE <b>10-Slot</b>
TOP & BOTTOM SCREEN <b>6.1 / -3.9</b>		







ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# SOIL BORING LOG

WELL NO. <b>SB-1702</b>	NORTHING <b>171346.5</b>	EASTING <b>997965.1</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>East side of Lot 17</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
LAND SURFACE ELEVATION <b>24.08(FT.)</b>	DEPTH TO WATER <b>Not Measured</b>	SAMPLING METHOD <b>2" Macro-Core</b>
		START-FINISH DATE <b>4/17/13-4/19/13</b>
		BACKFILL <b>Cuttings</b>

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
1		ASPHALT CONCRETE		0.2	Hand cleared to 5 ft below land surface (bls) Sample SB-1702 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
1		FILL (ASPHALT and brown fine to medium SAND); moist			1
2		FILL (Light brown, SILTY SAND); moist			2
3					3
4					4
5					5
6				0.0	3.75 ft recovery
7					7
8		FILL (Brown, fine to medium SAND); moist			8
9					9
10					10
11		ASPHALT Brown, fine to medium SAND, trace gravel; moist		0.1	2 ft recovery Sample SB-1702 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
12					Bottom of boring at 12 ft bls 12

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13



ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# SOIL BORING LOG

WELL NO. <b>SB-5401</b>	NORTHING <b>171371.8</b>	EASTING <b>998006.2</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>West side of Lot 54</b>
DRILL BIT DIAMETER/TYPE <b>2-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>2-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
LAND SURFACE ELEVATION <b>23.13(FT.)</b>	DEPTH TO WATER <b>Not Measured</b>	SAMPLING METHOD <b>2" Macro-Core</b>
		START-FINISH DATE <b>4/17/13-4/19/13</b>
		BACKFILL <b>Cuttings</b>

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0		ASPHALT			
0		CONCRETE		0.0	Hand cleared to 5 ft below land surface (bls)
1		FILL (Brown, fine to medium SAND, little Gravel and Brick, trace glass fragments); moist			Sample SB-5401 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
2		FILL (Brown, fine to medium SAND and SILT, trace gravel); moist			
3		FILL (Brown, SILTY SAND); moist			
4		FILL (Brown, SILTY SAND); moist			
5		FILL (Light brown, fine to medium SAND); moist		0.0	2.5 ft recovery
6		FILL (Brown, fine to medium SAND, little Gravel); moist			
7		FILL (Brown, fine to medium SAND); moist			
8		FILL (Brown, fine to medium SAND, trace brick); moist			
9		FILL (Brown, fine to medium SAND); moist			
10		FILL (Brown, fine to medium SAND); moist			
10		FILL (CONCRETE, little Asphalt)		0.1	2 ft recovery
11		Brown, fine to medium SAND, trace brick; moist			Sample SB-5401 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
12		Bottom of boring at 12 ft bls			

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13



ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

209 Shafter Street  
Islandia, NY 11749  
Telephone: (631) 232-2600  
Fax: (631) 232-9898

# WELL CONSTRUCTION LOG

WELL NO. <b>SB-5402/MW-2</b>	NORTHING <b>171378.2</b>	EASTING <b>998078.2</b>
PROJECT NO./NAME <b>2283.0001Y000 / The Doe Fund - Rogers Avenue</b>		LOCATION <b>1345, 1351, 1357 Rogers Avenue, 562 E 28th Street</b>
APPROVED BY <b>J. Taylor</b>	LOGGED BY <b>C. Geraghty</b>	<b>Brooklyn, New York</b>
DRILLING CONTRACTOR/DRILLER <b>Zebra Environmental / Luke</b>		GEOGRAPHIC AREA <b>East side of Lot 54</b>
DRILL BIT DIAMETER/TYPE <b>3.25-in. / Drive Sampler</b>	BOREHOLE DIAMETER <b>3.25-inches</b>	DRILLING EQUIPMENT/METHOD <b>Geoprobe / Geoprobe</b>
CASING MAT./DIA. <b>PVC / 1-inch</b>	SCREEN: <b>TYPE Slotted</b>	SAMPLING METHOD <b>2" Macro-Core</b>
ELEVATION OF: (Feet)		START-FINISH DATE <b>4/17/13-4/19/13</b>
GROUND SURFACE <b>22.78</b>	TOP OF WELL CASING <b>22.66</b>	GRAVEL PACK SIZES <b>Morie #2</b>
TOTAL LENGTH <b>10.0ft</b>		DIA. <b>1-inch</b>
MAT. <b>PVC</b>		SLOT SIZE <b>10-Slot</b>
TOP & BOTTOM SCREEN <b>4.8 / -5.2</b>		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0	Flushmount Curb Box 1-inch j-Plug Concrete	ASPHALT CONCRETE		0.2	Hand cleared to 5 ft below land surface (bls) Sample SB-5402 (0-2) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
5	Bentonite	FILL (Brown, fine to medium SAND, some Gravel); moist FILL (Brown, fine to medium SAND, some Silt and Gravel, trace brick); moist FILL (Brown, fine to medium SAND and SILT, trace gravel); moist FILL (Brown, SILTY SAND, little Gravel); moist FILL (Brown, fine to medium SAND, some Asphalt and Concrete); moist		0.0	2.5 ft recovery
10	#2 sand	FILL (Light brown, SILTY SAND); moist ASPHALT FILL (Brown, SILTY SAND); moist		0.1	Sample SB-5402 (10-12) collected for VOCs, SVOCs, Metals, Pesticides, and PCBs
15	18 ft of 1" Schedule 40 PVC riser	FILL (ASPHALT and CONCRETE) FILL (Brown, fine to medium SAND, trace gravel); moist FILL (Brown, fine to medium SAND, some Brick and Concrete fragments); moist Brown, fine to medium SAND; moist Brown, fine to medium SAND, trace gravel; moist		0.0	4 ft recovery
20		Brown, fine to medium SAND; moist Brown, fine to medium SAND; moist		0.0	3.75 ft recovery
25	10 ft of 1" 0.10 slot screen	Brown, fine to medium SAND, trace gravel; wet Brown, fine to medium SAND; wet		0.0	
	Well plug				Bottom of boring at 28 ft bls

BORING/FEET 2283.0001Y000 DOE FUND.GPJ ROUX.GDT 5/14/13

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDIX D**

Groundwater and Soil Vapor Sampling Logs









Soil Vapor Sampling Form

Date: 4/22/13 Time: 1130  
Weather: Mostly sunny, 50°

Sampling Team: CG  
Sampling Location: SV-1101

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5-11 feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0.17062 Must be less than 0.2 L/min  
Purge Time: 4min  
Helium Rate at enclosure: 22000  
Helium Rate from sample tubing: 1400 Is this rate <10% of the rate at the enclosure  Yes/ No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time?  Yes

Starting Pressure: -30.13 in. of Hg  
Starting Time: 1136  
Ending Time: 1350  
Ending Pressure: -4.25 in. of Hg

Summa Canister Identification #: 0671  
Flow Regulator ID #: FC0576  
Sample ID #: SV-1101  
Time: 1350  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1050  
Weather: Mostly sunny, 50°

Sampling Team: C.G.  
Sampling Location: SV-1102

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5-11 feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: .17062 Must be less than 0.2 L/min  
Purge Time: 4 min  
Helium Rate at enclosure: 19600  
Helium Rate from sample tubing: 150 Is this rate <10% of the rate at the enclosure  Yes / No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time?  Yes

Starting Pressure: -30.20 in. of Hg  
Starting Time: 1137  
Ending Time: 1345  
Ending Pressure: -2.25 in. of Hg

Summa Canister Identification #: 0191B  
Flow Regulator ID #: FC0577  
Sample ID #: SV-1102  
Time: 1345  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1110  
Weather: mostly sunny 50°

Sampling Team: C.G.  
Sampling Location: SV-1501

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5-11 feet below land surface (if ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0.17062 Must be less than 0.2 L/min  
Purge Time: 4min  
Helium Rate at enclosure: 18800  
Helium Rate from sample tubing: 125 Is this rate <10% of the rate at the enclosure  Yes / No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time?  Yes

Starting Pressure: -29.75 in. of Hg  
Starting Time: 1139  
Ending Time: 1432  
Ending Pressure: -4.08 in. of Hg

Summa Canister Identification #: 0489  
Flow Regulator ID #: FC0471  
Sample ID #: SV-1501  
Time: 1432  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1100  
Weather: mostly sunny 50°

Sampling Team: C.G.  
Sampling Location: SV-1502

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5-11 feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0.17062 Must be less than 0.2 L/min  
Purge Time: 5min  
Helium Rate at enclosure: 20300  
Helium Rate from sample tubing: 175 Is this rate <10% of the rate at the enclosure  Yes  No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ?  Yes

Starting Pressure: -30.80 in. of Hg  
Starting Time: 1138  
Ending Time: 1434  
Ending Pressure: -19.53 in. of Hg

Summa Canister Identification #: 0470  
Flow Regulator ID #: FC0580  
Sample ID #: SV-1502  
Time: 1434  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1115  
Weather: mostly sunny 50°

Sampling Team: C.G.  
Sampling Location: SV-1701

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5-11 feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0.17062 Must be less than 0.2 L/min  
Purge Time: 4 min  
Helium Rate at enclosure: 18500  
Helium Rate from sample tubing: 150 is this rate <10% of the rate at the enclosure  Yes  No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time?  Yes

Starting Pressure: -30.24 in. of Hg  
Starting Time: 1140  
Ending Time: 1418  
Ending Pressure: -2.04 in. of Hg

Summa Canister Identification #: 0138  
Flow Regulator ID #: FC0578  
Sample ID #: SV-1701  
Time: 1418  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1120  
Weather: mostly sunny 50°

Sampling Team: C.G.  
Sampling Location: SV-1702

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 10.5 - 11 feet below land surface (if ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0.17062 Must be less than 0.2 L/min  
Purge Time: 4 min  
Helium Rate at enclosure: 20200  
Helium Rate from sample tubing: 125 Is this rate <10% of the rate at the enclosure  Yes / No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time?  Yes

Starting Pressure: -30.88 in. of Hg  
Starting Time: 1141  
Ending Time: 1353  
Ending Pressure: -3.90 in. of Hg

Summa Canister Identification #: 0254  
Flow Regulator ID #: FC 0204  
Sample ID #: SV-1702  
Time: 1353  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

Soil Vapor Sampling Form

Date: 4/22/13 Time: 1130  
Weather: Mostly Sunny 50°

Sampling Team: C.G.  
Sampling Location: Ambient-1

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 3-5' als feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)  
Sealed with bentonite: Yes  
Apparent Moisture Content: N/A  
Purge Rate: 0 Must be less than 0.2 L/min  
Purge Time: 0  
Helium Rate at enclosure: 0  
Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure Yes / No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 " of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -28.89 in. of Hg  
Starting Time: 1142  
Ending Time: 1348  
Ending Pressure: -2.25 in. of Hg

Summa Canister Identification #: 0549  
Flow Regulator ID #: FC0581  
Sample ID #: Ambient-1  
Time: 1348  
Analysis: VOCs (TO-15)  
Laboratory: Alpha Analytical

**Remedial Investigation Report**  
**1345-11357 Rogers Avenue and 562 East 28th Street, Brooklyn, NY**

---

**APPENDIX E**

Laboratory Data Deliverables for  
Soil, Groundwater, and Soil Vapor  
Analytical Data



## ANALYTICAL REPORT

Lab Number:	L1306597
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND-ROGERS AVE.
Project Number:	2283.0001Y000
Report Date:	04/22/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1306597-01	SB-1103 (0-2')	BROOKLYN, NY	04/15/13 10:00
L1306597-02	SB-1102 (0-2')	BROOKLYN, NY	04/15/13 11:30
L1306597-03	SB-1101 (0-2')	BROOKLYN, NY	04/15/13 13:30
L1306597-04	SB-1502 (0-2')	BROOKLYN, NY	04/15/13 14:10
L1306597-05	TRIP BLANK	BROOKLYN, NY	04/15/13 00:00

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Pesticides

The dual column RPD for L1306597-01 is above the acceptance criteria for 4,4'-DDD; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPDs for L1306597-03 are above the acceptance criteria for Dieldrin, 4,4'-DDE and trans-Chlordane, however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

#### Metals

L1306597-01 through -04 have elevated detection limits for all analytes, except Mercury, due to the dilutions required by the sample matrices.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 04/22/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-01  
**Client ID:** SB-1103 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/16/13 17:14  
**Analyst:** BN  
**Percent Solids:** 89%

**Date Collected:** 04/15/13 10:00  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.7	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.24	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.41	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.17	1
1,1-Dichloropropene	ND		ug/kg	6.7	0.61	1
Bromoform	ND		ug/kg	5.4	0.56	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.23	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.15	1
Ethylbenzene	ND		ug/kg	1.3	0.20	1
Chloromethane	ND		ug/kg	6.7	1.0	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.19	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.32	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.7	0.14	1
p/m-Xylene	ND		ug/kg	2.7	0.43	1
o-Xylene	ND		ug/kg	2.7	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.20	1
Dibromomethane	ND		ug/kg	13	0.22	1
Styrene	ND		ug/kg	2.7	0.42	1
Dichlorodifluoromethane	ND		ug/kg	13	0.29	1
Acetone	ND		ug/kg	13	4.2	1
Carbon disulfide	ND		ug/kg	13	2.7	1
2-Butanone	ND		ug/kg	13	0.48	1
Vinyl acetate	ND		ug/kg	13	0.64	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.30	1
2-Hexanone	ND		ug/kg	13	0.25	1
Bromochloromethane	ND		ug/kg	6.7	0.26	1
2,2-Dichloropropane	ND		ug/kg	6.7	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.43	1
Bromobenzene	ND		ug/kg	6.7	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.26	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.7	0.75	1
o-Chlorotoluene	ND		ug/kg	6.7	0.21	1
p-Chlorotoluene	ND		ug/kg	6.7	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	1.1	1
Hexachlorobutadiene	ND		ug/kg	6.7	0.57	1
Isopropylbenzene	ND		ug/kg	1.3	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.7	1.0	1
Acrylonitrile	ND		ug/kg	13	0.32	1
n-Propylbenzene	ND		ug/kg	1.3	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	1.1	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.77	1
1,4-Dioxane	ND		ug/kg	130	23.	1
1,4-Diethylbenzene	ND		ug/kg	5.4	0.21	1
4-Ethyltoluene	ND		ug/kg	5.4	0.16	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.17	1
Ethyl ether	ND		ug/kg	6.7	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	0.60	1

## Tentatively Identified Compounds

Unknown	2.8	J	ug/kg			1
Unknown	4.8	J	ug/kg			1
Unknown	4.1	J	ug/kg			1
Unknown	8.3	J	ug/kg			1
Unknown	3.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 17:42  
 Analyst: BN  
 Percent Solids: 88%

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.5	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.17	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.95	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.22	1
Dibromochloromethane	ND		ug/kg	0.95	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.95	0.13	1
Chlorobenzene	ND		ug/kg	0.95	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.11	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	0.10	1
Bromodichloromethane	ND		ug/kg	0.95	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.43	1
Bromoform	ND		ug/kg	3.8	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	0.16	1
Benzene	ND		ug/kg	0.95	0.11	1
Toluene	ND		ug/kg	1.4	0.11	1
Ethylbenzene	ND		ug/kg	0.95	0.14	1
Chloromethane	ND		ug/kg	4.7	0.74	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.13	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.95	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.23	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.10	1
p/m-Xylene	ND		ug/kg	1.9	0.30	1
o-Xylene	ND		ug/kg	1.9	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.14	1
Dibromomethane	ND		ug/kg	9.5	0.15	1
Styrene	ND		ug/kg	1.9	0.29	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.21	1
Acetone	ND		ug/kg	9.5	2.9	1
Carbon disulfide	ND		ug/kg	9.5	1.9	1
2-Butanone	ND		ug/kg	9.5	0.34	1
Vinyl acetate	ND		ug/kg	9.5	0.45	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.5	0.21	1
2-Hexanone	ND		ug/kg	9.5	0.18	1
Bromochloromethane	ND		ug/kg	4.7	0.19	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.20	1
n-Butylbenzene	ND		ug/kg	0.95	0.19	1
sec-Butylbenzene	ND		ug/kg	0.95	0.19	1
tert-Butylbenzene	ND		ug/kg	4.7	0.53	1
o-Chlorotoluene	ND		ug/kg	4.7	0.15	1
p-Chlorotoluene	ND		ug/kg	4.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.75	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.40	1
Isopropylbenzene	ND		ug/kg	0.95	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.18	1
Naphthalene	ND		ug/kg	4.7	0.73	1
Acrylonitrile	ND		ug/kg	9.5	0.22	1
n-Propylbenzene	ND		ug/kg	0.95	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.75	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.54	1
1,4-Dioxane	ND		ug/kg	95	16.	1
1,4-Diethylbenzene	ND		ug/kg	3.8	0.15	1
4-Ethyltoluene	ND		ug/kg	3.8	0.11	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.12	1
Ethyl ether	ND		ug/kg	4.7	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.42	1

## Tentatively Identified Compounds

Unknown	6.7	J	ug/kg			1
Unknown	6.4	J	ug/kg			1
Unknown	2.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 18:10  
 Analyst: BN  
 Percent Solids: 85%

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.23	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.40	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.58	1
Bromoform	ND		ug/kg	5.1	0.53	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.22	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.14	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	6.4	1.0	1
Bromomethane	ND		ug/kg	2.6	0.43	1
Vinyl chloride	ND		ug/kg	2.6	0.18	1
Chloroethane	ND		ug/kg	2.6	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.31	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.6	0.13	1
p/m-Xylene	ND		ug/kg	2.6	0.41	1
o-Xylene	ND		ug/kg	2.6	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.40	1
Dichlorodifluoromethane	ND		ug/kg	13	0.28	1
Acetone	11	J	ug/kg	13	4.0	1
Carbon disulfide	ND		ug/kg	13	2.6	1
2-Butanone	ND		ug/kg	13	0.46	1
Vinyl acetate	ND		ug/kg	13	0.62	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.29	1
2-Hexanone	ND		ug/kg	13	0.24	1
Bromochloromethane	ND		ug/kg	6.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.25	1
sec-Butylbenzene	ND		ug/kg	1.3	0.26	1
tert-Butylbenzene	ND		ug/kg	6.4	0.72	1
o-Chlorotoluene	ND		ug/kg	6.4	0.20	1
p-Chlorotoluene	ND		ug/kg	6.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	1.0	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.54	1
Isopropylbenzene	ND		ug/kg	1.3	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.24	1
Naphthalene	ND		ug/kg	6.4	0.99	1
Acrylonitrile	ND		ug/kg	13	0.30	1
n-Propylbenzene	ND		ug/kg	1.3	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	1.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.74	1
1,4-Dioxane	ND		ug/kg	130	22.	1
1,4-Diethylbenzene	ND		ug/kg	5.1	0.20	1
4-Ethyltoluene	ND		ug/kg	5.1	0.15	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.17	1
Ethyl ether	ND		ug/kg	6.4	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.57	1

**Tentatively Identified Compounds**

Unknown	12	J	ug/kg			1
Unknown	13	J	ug/kg			1
Unknown	5.6	J	ug/kg			1
Unknown	5.7	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-04  
**Client ID:** SB-1502 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/16/13 18:38  
**Analyst:** BN  
**Percent Solids:** 87%

**Date Collected:** 04/15/13 14:10  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.18	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	0.99	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.45	1
Bromoform	ND		ug/kg	4.0	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.17	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.11	1
Ethylbenzene	ND		ug/kg	0.99	0.15	1
Chloromethane	ND		ug/kg	5.0	0.78	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.14	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.10	1
p/m-Xylene	ND		ug/kg	2.0	0.32	1
o-Xylene	ND		ug/kg	2.0	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.15	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.31	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.22	1
Acetone	ND		ug/kg	9.9	3.1	1
Carbon disulfide	ND		ug/kg	9.9	2.0	1
2-Butanone	ND		ug/kg	9.9	0.35	1
Vinyl acetate	ND		ug/kg	9.9	0.48	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.22	1
2-Hexanone	ND		ug/kg	9.9	0.19	1
Bromochloromethane	ND		ug/kg	5.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	0.99	0.20	1
sec-Butylbenzene	ND		ug/kg	0.99	0.20	1
tert-Butylbenzene	ND		ug/kg	5.0	0.56	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.78	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.42	1
Isopropylbenzene	ND		ug/kg	0.99	0.17	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.19	1
Naphthalene	ND		ug/kg	5.0	0.76	1
Acrylonitrile	ND		ug/kg	9.9	0.24	1
n-Propylbenzene	ND		ug/kg	0.99	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.78	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57	1
1,4-Dioxane	ND		ug/kg	99	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.44	1

**Tentatively Identified Compounds**

Unknown	2.2	J	ug/kg			1
Unknown	2.0	J	ug/kg			1
Unknown	10	J	ug/kg			1
Unknown	9.9	J	ug/kg			1
Unknown	4.1	J	ug/kg			1
Unknown	5.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-05  
**Client ID:** TRIP BLANK  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/18/13 19:50  
**Analyst:** PD

**Date Collected:** 04/15/13 00:00  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-05  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 00:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-05  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 00:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 09:15  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG602054-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.73	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 09:15  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG602054-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 09:15  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG602054-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/16/13 09:15  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-04 Batch: WG602054-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/18/13 16:54  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG602712-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/18/13 16:54  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG602712-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/18/13 16:54  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG602712-3					
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	76.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306597

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG602054-1 WG602054-2								
Methylene chloride	98		99		70-130	1		30
1,1-Dichloroethane	101		100		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	105		105		70-130	0		30
1,2-Dichloropropane	100		102		70-130	2		30
Dibromochloromethane	96		99		70-130	3		30
2-Chloroethylvinyl ether	100		102			2		30
1,1,2-Trichloroethane	92		96		70-130	4		30
Tetrachloroethene	100		102		70-130	2		30
Chlorobenzene	98		100		70-130	2		30
Trichlorofluoromethane	103		103		70-139	0		30
1,2-Dichloroethane	94		96		70-130	2		30
1,1,1-Trichloroethane	102		100		70-130	2		30
Bromodichloromethane	99		101		70-130	2		30
trans-1,3-Dichloropropene	96		99		70-130	3		30
cis-1,3-Dichloropropene	100		101		70-130	1		30
1,1-Dichloropropene	103		101		70-130	2		30
Bromoform	87		90		70-130	3		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	100		100		70-130	0		30
Toluene	97		99		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG602054-1 WG602054-2								
Ethylbenzene	97		98		70-130	1		30
Chloromethane	104		104		52-130	0		30
Bromomethane	104		102		57-147	2		30
Vinyl chloride	109		106		67-130	3		30
Chloroethane	98		96		50-151	2		30
1,1-Dichloroethene	103		104		65-135	1		30
trans-1,2-Dichloroethene	103		103		70-130	0		30
Trichloroethene	101		100		70-130	1		30
1,2-Dichlorobenzene	97		99		70-130	2		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	98		99		70-130	1		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	99		100		70-130	1		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Dibromomethane	98		99		70-130	1		30
Styrene	96		97		70-130	1		30
Dichlorodifluoromethane	106		102		30-146	4		30
Acetone	95		85		54-140	11		30
Carbon disulfide	101		100		59-130	1		30
2-Butanone	86		82		70-130	5		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG602054-1 WG602054-2								
Vinyl acetate	93		96		70-130	3		30
4-Methyl-2-pentanone	78		81		70-130	4		30
1,2,3-Trichloropropane	85		87		68-130	2		30
2-Hexanone	81		78		70-130	4		30
Bromochloromethane	102		105		70-130	3		30
2,2-Dichloropropane	102		101		70-130	1		30
1,2-Dibromoethane	94		98		70-130	4		30
1,3-Dichloropropane	94		97		69-130	3		30
1,1,1,2-Tetrachloroethane	97		100		70-130	3		30
Bromobenzene	98		99		70-130	1		30
n-Butylbenzene	101		99		70-130	2		30
sec-Butylbenzene	100		98		70-130	2		30
tert-Butylbenzene	102		102		70-130	0		30
o-Chlorotoluene	104		103		70-130	1		30
p-Chlorotoluene	99		99		70-130	0		30
1,2-Dibromo-3-chloropropane	84		86		68-130	2		30
Hexachlorobutadiene	104		105		67-130	1		30
Isopropylbenzene	98		98		70-130	0		30
p-Isopropyltoluene	101		101		70-130	0		30
Naphthalene	91		92		70-130	1		30
Acrylonitrile	92		94		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG602054-1 WG602054-2								
Isopropyl Ether	100		102		66-130	2		30
tert-Butyl Alcohol	74		75		70-130	1		30
n-Propylbenzene	97		97		70-130	0		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	103		103		70-130	0		30
1,3,5-Trimethylbenzene	100		100		70-130	0		30
1,2,4-Trimethylbenzene	101		101		70-130	0		30
Methyl Acetate	85		85		70-130	0		30
Ethyl Acetate	85		83		70-130	2		30
Acrolein	80		84		70-130	5		30
Cyclohexane	106		103		70-130	3		30
1,4-Dioxane	77		78		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		105		70-130	2		30
1,4-Diethylbenzene	102		101		70-130	1		30
4-Ethyltoluene	100		100		70-130	0		30
1,2,4,5-Tetramethylbenzene	102		102		70-130	0		30
Tetrahydrofuran	86		85		66-130	1		30
Ethyl ether	96		97		67-130	1		30
trans-1,4-Dichloro-2-butene	88		88		70-130	0		30
Methyl cyclohexane	105		103		70-130	2		30
Ethyl-Tert-Butyl-Ether	97		101		70-130	4		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-04 Batch: WG602054-1 WG602054-2								
Tertiary-Amyl Methyl Ether	96		98		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		92		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	99		99		70-130

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG602712-1 WG602712-2								
Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	94		94		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	101		100		70-130	1		20
Carbon tetrachloride	101		100		63-132	1		20
1,2-Dichloropropane	102		100		70-130	2		20
Dibromochloromethane	102		102		63-130	0		20
1,1,2-Trichloroethane	102		101		70-130	1		20
Tetrachloroethene	104		101		70-130	3		20
Chlorobenzene	104		102		75-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306597

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG602712-1 WG602712-2								
Trichlorofluoromethane	100		99		62-150	1		20
1,2-Dichloroethane	101		101		70-130	0		20
1,1,1-Trichloroethane	102		101		67-130	1		20
Bromodichloromethane	102		100		67-130	2		20
trans-1,3-Dichloropropene	102		102		70-130	0		20
cis-1,3-Dichloropropene	102		102		70-130	0		20
1,1-Dichloropropene	103		102		70-130	1		20
Bromoform	101		102		54-136	1		20
1,1,1,2-Tetrachloroethane	98		98		67-130	0		20
Benzene	104		102		70-130	2		20
Toluene	103		102		70-130	1		20
Ethylbenzene	106		104		70-130	2		20
Chloromethane	107		108		64-130	1		20
Bromomethane	116		110		39-139	5		20
Vinyl chloride	108		104		55-140	4		20
Chloroethane	105		106		55-138	1		20
1,1-Dichloroethene	102		98		61-145	4		20
trans-1,2-Dichloroethene	102		100		70-130	2		20
Trichloroethene	102		101		70-130	1		20
1,2-Dichlorobenzene	104		102		70-130	2		20
1,3-Dichlorobenzene	104		102		70-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG602712-1 WG602712-2								
1,4-Dichlorobenzene	104		101		70-130	3		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	109		107		70-130	2		20
o-Xylene	108		107		70-130	1		20
cis-1,2-Dichloroethene	103		103		70-130	0		20
Dibromomethane	100		101		70-130	1		20
1,2,3-Trichloropropane	98		95		64-130	3		20
Acrylonitrile	101		100		70-130	1		20
Styrene	111		109		70-130	2		20
Dichlorodifluoromethane	100		97		36-147	3		20
Acetone	110		99		58-148	11		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	114		102		63-138	11		20
Vinyl acetate	86		94		70-130	9		20
4-Methyl-2-pentanone	97		96		59-130	1		20
2-Hexanone	101		96		57-130	5		20
Bromochloromethane	109		107		70-130	2		20
2,2-Dichloropropane	101		101		63-133	0		20
1,2-Dibromoethane	100		98		70-130	2		20
1,3-Dichloropropane	101		98		70-130	3		20
1,1,1,2-Tetrachloroethane	103		101		64-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG602712-1 WG602712-2								
Bromobenzene	106		102		70-130	4		20
n-Butylbenzene	106		103		53-136	3		20
sec-Butylbenzene	106		104		70-130	2		20
tert-Butylbenzene	106		104		70-130	2		20
o-Chlorotoluene	106		104		70-130	2		20
p-Chlorotoluene	107		104		70-130	3		20
1,2-Dibromo-3-chloropropane	93		91		41-144	2		20
Hexachlorobutadiene	105		101		63-130	4		20
Isopropylbenzene	107		104		70-130	3		20
p-Isopropyltoluene	107		104		70-130	3		20
Naphthalene	99		97		70-130	2		20
n-Propylbenzene	107		104		69-130	3		20
1,2,3-Trichlorobenzene	102		102		70-130	0		20
1,2,4-Trichlorobenzene	103		99		70-130	4		20
1,3,5-Trimethylbenzene	108		105		64-130	3		20
1,2,4-Trimethylbenzene	105		103		70-130	2		20
1,4-Dioxane	96		96		56-162	0		20
1,4-Diethylbenzene	108		104		70-130	4		20
4-Ethyltoluene	107		103		70-130	4		20
1,2,4,5-Tetramethylbenzene	106		103		70-130	3		20
Ethyl ether	99		100		59-134	1		20

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG602712-1 WG602712-2								
trans-1,4-Dichloro-2-butene	93		93		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		98		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	99		99		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-01  
**Client ID:** SB-1103 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 04/18/13 22:36  
**Analyst:** RC  
**Percent Solids:** 89%

**Date Collected:** 04/15/13 10:00  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	61.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	61.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	180		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	49.	1
Naphthalene	600		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	120		ug/kg	110	36.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	110	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	160		ug/kg	110	37.	1
Benzo(k)fluoranthene	50	J	ug/kg	110	35.	1
Chrysene	160		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	75	J	ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	320		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	78	J	ug/kg	150	41.	1
Pyrene	190		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	140	J	ug/kg	180	62.	1
2-Methylnaphthalene	680		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	130	J	ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	180	54.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	890	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	40.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown	390	J	ug/kg			1
Unknown	450	J	ug/kg			1
Unknown Benzene	290	J	ug/kg			1
Unknown	280	J	ug/kg			1
Unknown Naphthalene	500	J	ug/kg			1
Unknown Naphthalene	160	J	ug/kg			1
Unknown Naphthalene	270	J	ug/kg			1
Unknown Naphthalene	220	J	ug/kg			1
Unknown Naphthalene	360	J	ug/kg			1
Unknown Naphthalene	150	J	ug/kg			1
Unknown Naphthalene	460	J	ug/kg			1
Unknown	430	J	ug/kg			1
Unknown Alkane	1000	J	ug/kg			1
Unknown	210	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	66		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/18/13 23:03  
 Analyst: RC  
 Percent Solids: 88%

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	61.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	40.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	120		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	63	J	ug/kg	110	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	54	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	77	J	ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	66	J	ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	98	J	ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	91	J	ug/kg	110	36.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	49.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	50.	1
Dibenzofuran	ND		ug/kg	190	62.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
P-Chloro-M-Cresol	ND		ug/kg	190	54.	1
2-Chlorophenol	ND		ug/kg	190	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	55.	1
2-Methylphenol	ND		ug/kg	190	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/kg			1
-------------------------------------	----	--	-------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	87		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-03  
**Client ID:** SB-1101 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 04/18/13 23:30  
**Analyst:** RC  
**Percent Solids:** 85%

**Date Collected:** 04/15/13 13:30  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	290		ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	61.	1
1,4-Dichlorobenzene	ND		ug/kg	190	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	4000		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	700		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	2000		ug/kg	120	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	1800		ug/kg	150	47.	1
Benzo(b)fluoranthene	2500		ug/kg	120	39.	1
Benzo(k)fluoranthene	940		ug/kg	120	37.	1
Chrysene	2100		ug/kg	120	38.	1
Acenaphthylene	130	J	ug/kg	150	36.	1
Anthracene	640		ug/kg	120	32.	1
Benzo(ghi)perylene	1000		ug/kg	150	40.	1
Fluorene	220		ug/kg	190	55.	1
Phenanthrene	2900		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	280		ug/kg	120	37.	1
Indeno(1,2,3-cd)Pyrene	1200		ug/kg	150	43.	1
Pyrene	3300		ug/kg	120	38.	1
Biphenyl	72	J	ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	260		ug/kg	190	64.	1
2-Methylnaphthalene	740		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	360		ug/kg	190	42.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown Naphthalene	610	J	ug/kg			1
Unknown Naphthalene	980	J	ug/kg			1
Unknown Alkane	1100	J	ug/kg			1
Unknown PAH	410	J	ug/kg			1
Unknown PAH	700	J	ug/kg			1
Unknown PAH	830	J	ug/kg			1
Unknown PAH	400	J	ug/kg			1
Unknown	560	J	ug/kg			1
Unknown PAH	420	J	ug/kg			1
Unknown PAH	340	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown	380	J	ug/kg			1
Unknown	400	J	ug/kg			1
Unknown	400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	84		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/18/13 23:57  
 Analyst: RC  
 Percent Solids: 87%

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	110	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	770		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	370		ug/kg	110	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	350		ug/kg	150	47.	1
Benzo(b)fluoranthene	440		ug/kg	110	39.	1
Benzo(k)fluoranthene	170		ug/kg	110	36.	1
Chrysene	370		ug/kg	110	38.	1
Acenaphthylene	61	J	ug/kg	150	36.	1
Anthracene	120		ug/kg	110	32.	1
Benzo(ghi)perylene	220		ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	55.	1
Phenanthrene	540		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	54	J	ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	240		ug/kg	150	42.	1
Pyrene	670		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	52	J	ug/kg	190	41.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatiles by GC/MS - Westborough Lab

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	75		18-120

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D  
 Analytical Date: 04/16/13 18:55  
 Analyst: RC

Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG601828-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	41.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/16/13 18:55  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG601828-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/16/13 18:55  
 Analyst: RC

Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 08:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG601828-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	36.

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	79		0-136
4-Terphenyl-d14	84		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG601828-2 WG601828-3								
Acenaphthene	71		70		31-137	1		50
1,2,4-Trichlorobenzene	63		62		38-107	2		50
Hexachlorobenzene	70		86		40-140	21		50
Bis(2-chloroethyl)ether	56		53		40-140	6		50
2-Chloronaphthalene	69		62		40-140	11		50
1,2-Dichlorobenzene	56		54		40-140	4		50
1,3-Dichlorobenzene	54		54		40-140	0		50
1,4-Dichlorobenzene	55		54		28-104	2		50
3,3'-Dichlorobenzidine	62		55		40-140	12		50
2,4-Dinitrotoluene	87		94	Q	28-89	8		50
2,6-Dinitrotoluene	86		82		40-140	5		50
Fluoranthene	80		83		40-140	4		50
4-Chlorophenyl phenyl ether	73		77		40-140	5		50
4-Bromophenyl phenyl ether	72		86		40-140	18		50
Bis(2-chloroisopropyl)ether	63		58		40-140	8		50
Bis(2-chloroethoxy)methane	63		58		40-117	8		50
Hexachlorobutadiene	62		63		40-140	2		50
Hexachlorocyclopentadiene	68		67		40-140	1		50
Hexachloroethane	59		56		40-140	5		50
Isophorone	67		62		40-140	8		50
Naphthalene	64		60		40-140	6		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG601828-2 WG601828-3								
Nitrobenzene	74		69		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	77		80			4		50
n-Nitrosodi-n-propylamine	64		60		32-121	6		50
Bis(2-Ethylhexyl)phthalate	85		86		40-140	1		50
Butyl benzyl phthalate	85		88		40-140	3		50
Di-n-butylphthalate	86		88		40-140	2		50
Di-n-octylphthalate	88		102		40-140	15		50
Diethyl phthalate	79		83		40-140	5		50
Dimethyl phthalate	80		82		40-140	2		50
Benzo(a)anthracene	81		83		40-140	2		50
Benzo(a)pyrene	78		82		40-140	5		50
Benzo(b)fluoranthene	72		75		40-140	4		50
Benzo(k)fluoranthene	79		86		40-140	8		50
Chrysene	78		81		40-140	4		50
Acenaphthylene	77		71		40-140	8		50
Anthracene	79		83		40-140	5		50
Benzo(ghi)perylene	79		76		40-140	4		50
Fluorene	75		78		40-140	4		50
Phenanthrene	75		78		40-140	4		50
Dibenzo(a,h)anthracene	81		77		40-140	5		50
Indeno(1,2,3-cd)Pyrene	75		71		40-140	5		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG601828-2 WG601828-3								
Pyrene	76		79		35-142	4		50
Biphenyl	70		68			3		50
4-Chloroaniline	60		59		40-140	2		50
2-Nitroaniline	82		80		47-134	2		50
3-Nitroaniline	57		48		26-129	17		50
4-Nitroaniline	88		86		41-125	2		50
Dibenzofuran	75		75		40-140	0		50
2-Methylnaphthalene	66		66		40-140	0		50
1,2,4,5-Tetrachlorobenzene	70		73		40-117	4		50
Acetophenone	65		64		14-144	2		50
2,4,6-Trichlorophenol	83		78		30-130	6		50
P-Chloro-M-Cresol	86		90		26-103	5		50
2-Chlorophenol	65		63		25-102	3		50
2,4-Dichlorophenol	78		73		30-130	7		50
2,4-Dimethylphenol	71		67		30-130	6		50
2-Nitrophenol	71		68		30-130	4		50
4-Nitrophenol	106		108		11-114	2		50
2,4-Dinitrophenol	85		93		4-130	9		50
4,6-Dinitro-o-cresol	92		97		10-130	5		50
Pentachlorophenol	82		85		17-109	4		50
Phenol	66		60		26-90	10		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306597

Project Number: 2283.0001Y000

Report Date: 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG601828-2 WG601828-3								
2-Methylphenol	68		64		30-130.	6		50
3-Methylphenol/4-Methylphenol	74		69		30-130	7		50
2,4,5-Trichlorophenol	87		85		30-130	2		50
Benzoic Acid	39		37			5		50
Benzyl Alcohol	66		62		40-140	6		50
Carbazole	77		80		54-128	4		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	69		68		25-120
Phenol-d6	71		64		10-120
Nitrobenzene-d5	76		70		23-120
2-Fluorobiphenyl	75		65		30-120
2,4,6-Tribromophenol	101		88		0-136
4-Terphenyl-d14	83		83		18-120

# PCBS

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-01  
**Client ID:** SB-1103 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/17/13 14:55  
**Analyst:** KB  
**Percent Solids:** 89%

**Date Collected:** 04/15/13 10:00  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/16/13 10:42  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/17/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.8	7.07	1
Aroclor 1221	ND		ug/kg	35.8	10.8	1
Aroclor 1232	ND		ug/kg	35.8	7.60	1
Aroclor 1242	ND		ug/kg	35.8	6.79	1
Aroclor 1248	ND		ug/kg	35.8	4.33	1
Aroclor 1254	ND		ug/kg	35.8	5.64	1
Aroclor 1260	13.7	J	ug/kg	35.8	6.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	52		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/17/13 15:12  
 Analyst: KB  
 Percent Solids: 88%

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 10:42  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/17/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.1	7.13	1
Aroclor 1221	ND		ug/kg	36.1	10.9	1
Aroclor 1232	ND		ug/kg	36.1	7.67	1
Aroclor 1242	ND		ug/kg	36.1	6.86	1
Aroclor 1248	ND		ug/kg	36.1	4.37	1
Aroclor 1254	ND		ug/kg	36.1	5.69	1
Aroclor 1260	ND		ug/kg	36.1	6.27	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	39		30-150
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	48		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/17/13 15:29  
 Analyst: KB  
 Percent Solids: 85%

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 10:42  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/17/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	38.2	7.54	1
Aroclor 1221	ND		ug/kg	38.2	11.5	1
Aroclor 1232	ND		ug/kg	38.2	8.10	1
Aroclor 1242	ND		ug/kg	38.2	7.24	1
Aroclor 1248	ND		ug/kg	38.2	4.62	1
Aroclor 1254	ND		ug/kg	38.2	6.02	1
Aroclor 1260	26.7	J	ug/kg	38.2	6.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	35		30-150
2,4,5,6-Tetrachloro-m-xylene	54		30-150
Decachlorobiphenyl	44		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

**Lab ID:** L1306597-04  
**Client ID:** SB-1502 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/17/13 15:47  
**Analyst:** KB  
**Percent Solids:** 87%

**Date Collected:** 04/15/13 14:10  
**Date Received:** 04/15/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/16/13 10:42  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/17/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.7	7.25	1
Aroclor 1221	ND		ug/kg	36.7	11.1	1
Aroclor 1232	ND		ug/kg	36.7	7.80	1
Aroclor 1242	ND		ug/kg	36.7	6.97	1
Aroclor 1248	ND		ug/kg	36.7	4.44	1
Aroclor 1254	ND		ug/kg	36.7	5.79	1
Aroclor 1260	ND		ug/kg	36.7	6.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		30-150
Decachlorobiphenyl	33		30-150
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	41		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/17/13 16:04  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 10:42  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/17/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG601867-1					
Aroclor 1016	ND		ug/kg	32.8	6.48
Aroclor 1221	ND		ug/kg	32.8	9.90
Aroclor 1232	ND		ug/kg	32.8	6.97
Aroclor 1242	ND		ug/kg	32.8	6.23
Aroclor 1248	ND		ug/kg	32.8	3.97
Aroclor 1254	ND		ug/kg	32.8	5.17
Aroclor 1260	ND		ug/kg	32.8	5.69

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	45		30-150
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	46		30-150

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG601867-2 WG601867-3								
Aroclor 1016	86		86		40-140	0		50
Aroclor 1260	71		77		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		80		30-150
Decachlorobiphenyl	51		60		30-150
2,4,5,6-Tetrachloro-m-xylene	83		82		30-150
Decachlorobiphenyl	46		51		30-150

# PESTICIDES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 10:28  
 Analyst: BW  
 Percent Solids: 89%

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 11:32  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.76	0.344	1
Lindane	ND		ug/kg	0.732	0.327	1
Alpha-BHC	ND		ug/kg	0.732	0.208	1
Beta-BHC	ND		ug/kg	1.76	0.666	1
Heptachlor	ND		ug/kg	0.878	0.394	1
Aldrin	ND		ug/kg	1.76	0.619	1
Heptachlor epoxide	ND		ug/kg	3.29	0.988	1
Endrin	ND		ug/kg	0.732	0.300	1
Endrin ketone	ND		ug/kg	1.76	0.452	1
Dieldrin	ND		ug/kg	1.10	0.549	1
4,4'-DDE	3.70		ug/kg	1.76	0.406	1
4,4'-DDD	1.99	P	ug/kg	1.76	0.627	1
4,4'-DDT	8.38		ug/kg	3.29	1.41	1
Endosulfan I	ND		ug/kg	1.76	0.415	1
Endosulfan II	ND		ug/kg	1.76	0.587	1
Endosulfan sulfate	ND		ug/kg	0.732	0.334	1
Methoxychlor	ND		ug/kg	3.29	1.02	1
Toxaphene	ND		ug/kg	32.9	9.22	1
cis-Chlordane	ND		ug/kg	2.20	0.612	1
trans-Chlordane	ND		ug/kg	2.20	0.580	1
Chlordane	ND		ug/kg	14.3	5.82	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	126		30-150	B
Decachlorobiphenyl	106		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/17/13 21:22  
 Analyst: BW  
 Percent Solids: 88%

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 11:32  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.74	0.342	1
Lindane	ND		ug/kg	0.727	0.325	1
Alpha-BHC	ND		ug/kg	0.727	0.206	1
Beta-BHC	ND		ug/kg	1.74	0.662	1
Heptachlor	ND		ug/kg	0.872	0.391	1
Aldrin	ND		ug/kg	1.74	0.614	1
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1
Endrin	ND		ug/kg	0.727	0.298	1
Endrin ketone	ND		ug/kg	1.74	0.449	1
Dieldrin	ND		ug/kg	1.09	0.545	1
4,4'-DDE	ND		ug/kg	1.74	0.404	1
4,4'-DDD	ND		ug/kg	1.74	0.622	1
4,4'-DDT	ND		ug/kg	3.27	1.40	1
Endosulfan I	ND		ug/kg	1.74	0.412	1
Endosulfan II	ND		ug/kg	1.74	0.583	1
Endosulfan sulfate	ND		ug/kg	0.727	0.332	1
Methoxychlor	ND		ug/kg	3.27	1.02	1
Toxaphene	ND		ug/kg	32.7	9.16	1
cis-Chlordane	ND		ug/kg	2.18	0.608	1
trans-Chlordane	ND		ug/kg	2.18	0.576	1
Chlordane	ND		ug/kg	14.2	5.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	89		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 10:15  
 Analyst: BW  
 Percent Solids: 85%

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 11:32  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.83	0.358	1
Lindane	ND		ug/kg	0.762	0.340	1
Alpha-BHC	ND		ug/kg	0.762	0.216	1
Beta-BHC	ND		ug/kg	1.83	0.693	1
Heptachlor	ND		ug/kg	0.914	0.410	1
Aldrin	ND		ug/kg	1.83	0.644	1
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1
Endrin	ND		ug/kg	0.762	0.312	1
Endrin ketone	ND		ug/kg	1.83	0.471	1
Endosulfan I	ND		ug/kg	1.83	0.432	1
Endosulfan II	ND		ug/kg	1.83	0.611	1
Endosulfan sulfate	ND		ug/kg	0.762	0.348	1
Methoxychlor	ND		ug/kg	3.43	1.07	1
Toxaphene	ND		ug/kg	34.3	9.60	1
cis-Chlordane	19.6		ug/kg	2.28	0.637	1
trans-Chlordane	21.7	P	ug/kg	2.28	0.603	1
Chlordane	138		ug/kg	14.8	6.06	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 10:15  
 Analyst: BW  
 Percent Solids: 85%

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 11:32  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Dieldrin	2.53	P	ug/kg	1.14	0.571	1
4,4'-DDE	1.16	JP	ug/kg	1.83	0.423	1
4,4'-DDD	5.11		ug/kg	1.83	0.652	1
4,4'-DDT	17.8		ug/kg	3.43	1.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/17/13 21:35  
 Analyst: BW  
 Percent Solids: 87%

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/16/13 11:32  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.74	0.342	1
Lindane	ND		ug/kg	0.727	0.325	1
Alpha-BHC	ND		ug/kg	0.727	0.206	1
Beta-BHC	ND		ug/kg	1.74	0.662	1
Heptachlor	ND		ug/kg	0.873	0.391	1
Aldrin	ND		ug/kg	1.74	0.614	1
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1
Endrin	ND		ug/kg	0.727	0.298	1
Endrin ketone	ND		ug/kg	1.74	0.449	1
Dieldrin	ND		ug/kg	1.09	0.545	1
4,4'-DDE	ND		ug/kg	1.74	0.404	1
4,4'-DDD	ND		ug/kg	1.74	0.622	1
4,4'-DDT	ND		ug/kg	3.27	1.40	1
Endosulfan I	ND		ug/kg	1.74	0.412	1
Endosulfan II	ND		ug/kg	1.74	0.583	1
Endosulfan sulfate	ND		ug/kg	0.727	0.332	1
Methoxychlor	ND		ug/kg	3.27	1.02	1
Toxaphene	ND		ug/kg	32.7	9.16	1
cis-Chlordane	ND		ug/kg	2.18	0.608	1
trans-Chlordane	ND		ug/kg	2.18	0.576	1
Chlordane	ND		ug/kg	14.2	5.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	125		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/17/13 20:18  
Analyst: BW

Extraction Method: EPA 3546  
Extraction Date: 04/16/13 11:32  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG601889-1					
Delta-BHC	ND		ug/kg	1.57	0.308
Lindane	ND		ug/kg	0.655	0.293
Alpha-BHC	ND		ug/kg	0.655	0.186
Beta-BHC	ND		ug/kg	1.57	0.596
Heptachlor	ND		ug/kg	0.786	0.352
Aldrin	ND		ug/kg	1.57	0.554
Heptachlor epoxide	ND		ug/kg	2.95	0.885
Endrin	ND		ug/kg	0.655	0.269
Endrin ketone	ND		ug/kg	1.57	0.405
Dieldrin	ND		ug/kg	0.983	0.491
4,4'-DDE	ND		ug/kg	1.57	0.364
4,4'-DDD	ND		ug/kg	1.57	0.561
4,4'-DDT	ND		ug/kg	2.95	1.26
Endosulfan I	ND		ug/kg	1.57	0.372
Endosulfan II	ND		ug/kg	1.57	0.526
Endosulfan sulfate	ND		ug/kg	0.655	0.299
Methoxychlor	ND		ug/kg	2.95	0.917
Toxaphene	ND		ug/kg	29.5	8.26
cis-Chlordane	ND		ug/kg	1.96	0.548
trans-Chlordane	ND		ug/kg	1.96	0.519
Chlordane	ND		ug/kg	12.8	5.21

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	115		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	97		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG601889-2 WG601889-3								
Delta-BHC	88		89		30-150	1		30
Lindane	97		94		30-150	3		30
Alpha-BHC	98		99		30-150	1		30
Beta-BHC	97		97		30-150	0		30
Heptachlor	100		100		30-150	0		30
Aldrin	102		102		30-150	0		30
Heptachlor epoxide	101		101		30-150	0		30
Endrin	110		110		30-150	0		30
Endrin ketone	83		82		30-150	1		30
Dieldrin	103		103		30-150	0		30
4,4'-DDE	99		102		30-150	3		30
4,4'-DDD	94		95		30-150	1		30
4,4'-DDT	96		94		30-150	2		30
Endosulfan I	100		100		30-150	0		30
Endosulfan II	90		89		30-150	1		30
Endosulfan sulfate	82		80		30-150	2		30
Methoxychlor	109		100		30-150	9		30
cis-Chlordane	100		100		30-150	0		30
trans-Chlordane	106		102		30-150	4		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG601889-2 WG601889-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		108		30-150	A
Decachlorobiphenyl	70		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		100		30-150	B
Decachlorobiphenyl	109		105		30-150	B

## METALS

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**SAMPLE RESULTS**

Lab ID: L1306597-01  
 Client ID: SB-1103 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 89%

Date Collected: 04/15/13 10:00  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	33000		mg/kg	8.7	1.7	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Antimony, Total	9.6		mg/kg	4.3	0.87	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Arsenic, Total	28		mg/kg	0.87	0.26	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Barium, Total	490		mg/kg	0.87	0.26	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Beryllium, Total	1.6		mg/kg	0.43	0.04	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.87	0.05	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Calcium, Total	8000		mg/kg	8.7	1.7	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Chromium, Total	61		mg/kg	0.87	0.17	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Cobalt, Total	9.2		mg/kg	1.7	0.43	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Copper, Total	45		mg/kg	0.87	0.43	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Iron, Total	78000		mg/kg	4.3	1.7	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Lead, Total	72		mg/kg	4.3	0.26	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Magnesium, Total	2000		mg/kg	8.7	3.5	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Manganese, Total	120		mg/kg	0.87	0.17	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Mercury, Total	0.24		mg/kg	0.08	0.02	1	04/22/13 07:32	04/22/13 09:41	EPA 7471B	1,7471B	MC
Nickel, Total	30		mg/kg	2.2	0.35	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Potassium, Total	3400		mg/kg	220	70.	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Selenium, Total	2.9		mg/kg	1.7	0.26	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Silver, Total	0.23	J	mg/kg	0.87	0.17	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Sodium, Total	2100		mg/kg	170	70.	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Vanadium, Total	130		mg/kg	0.87	0.17	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG
Zinc, Total	27		mg/kg	4.3	0.43	2	04/18/13 10:35	04/18/13 16:38	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**SAMPLE RESULTS**

Lab ID: L1306597-02  
 Client ID: SB-1102 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 88%

Date Collected: 04/15/13 11:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	15000		mg/kg	8.6	1.7	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Antimony, Total	1.3	J	mg/kg	4.3	0.86	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Arsenic, Total	4.8		mg/kg	0.86	0.26	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Barium, Total	61		mg/kg	0.86	0.26	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Beryllium, Total	0.45		mg/kg	0.43	0.03	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.86	0.05	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Calcium, Total	1500		mg/kg	8.6	1.7	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Chromium, Total	18		mg/kg	0.86	0.17	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Cobalt, Total	5.2		mg/kg	1.7	0.43	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Copper, Total	12		mg/kg	0.86	0.43	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Iron, Total	17000		mg/kg	4.3	1.7	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Lead, Total	26		mg/kg	4.3	0.26	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Magnesium, Total	1800		mg/kg	8.6	3.4	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Manganese, Total	220		mg/kg	0.86	0.17	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	04/22/13 07:32	04/22/13 09:43	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.2	0.34	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Potassium, Total	520		mg/kg	220	69.	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Selenium, Total	1.1	J	mg/kg	1.7	0.26	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.86	0.17	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Sodium, Total	160	J	mg/kg	170	69.	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.52	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Vanadium, Total	24		mg/kg	0.86	0.17	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG
Zinc, Total	35		mg/kg	4.3	0.43	2	04/18/13 10:35	04/18/13 16:41	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**SAMPLE RESULTS**

Lab ID: L1306597-03  
 Client ID: SB-1101 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 85%

Date Collected: 04/15/13 13:30  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	11000		mg/kg	9.1	1.8	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Antimony, Total	3.0	J	mg/kg	4.5	0.91	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Arsenic, Total	9.9		mg/kg	0.91	0.27	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Barium, Total	150		mg/kg	0.91	0.27	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Beryllium, Total	0.63		mg/kg	0.45	0.04	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Cadmium, Total	0.44	J	mg/kg	0.91	0.05	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Calcium, Total	30000		mg/kg	9.1	1.8	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Chromium, Total	24		mg/kg	0.91	0.18	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Cobalt, Total	6.6		mg/kg	1.8	0.45	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Copper, Total	72		mg/kg	0.91	0.45	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Iron, Total	18000		mg/kg	4.5	1.8	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Lead, Total	220		mg/kg	4.5	0.27	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Magnesium, Total	4800		mg/kg	9.1	3.6	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Manganese, Total	220		mg/kg	0.91	0.18	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Mercury, Total	0.30		mg/kg	0.09	0.02	1	04/22/13 07:32	04/22/13 09:45	EPA 7471B	1,7471B	MC
Nickel, Total	24		mg/kg	2.3	0.36	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Potassium, Total	1400		mg/kg	230	72.	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Selenium, Total	0.67	J	mg/kg	1.8	0.27	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Silver, Total	0.23	J	mg/kg	0.91	0.18	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Sodium, Total	520		mg/kg	180	72.	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.54	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Vanadium, Total	41		mg/kg	0.91	0.18	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG
Zinc, Total	280		mg/kg	4.5	0.45	2	04/18/13 10:35	04/18/13 17:18	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**SAMPLE RESULTS**

Lab ID: L1306597-04  
 Client ID: SB-1502 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 87%

Date Collected: 04/15/13 14:10  
 Date Received: 04/15/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	9900		mg/kg	8.9	1.8	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Antimony, Total	2.0	J	mg/kg	4.4	0.89	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Arsenic, Total	5.8		mg/kg	0.89	0.27	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Barium, Total	78		mg/kg	0.89	0.27	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Beryllium, Total	0.44		mg/kg	0.44	0.04	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Cadmium, Total	0.20	J	mg/kg	0.89	0.05	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Calcium, Total	6700		mg/kg	8.9	1.8	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.89	0.18	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Cobalt, Total	5.5		mg/kg	1.8	0.44	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Copper, Total	33		mg/kg	0.89	0.44	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Iron, Total	14000		mg/kg	4.4	1.8	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Lead, Total	190		mg/kg	4.4	0.27	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Magnesium, Total	1900		mg/kg	8.9	3.6	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Manganese, Total	300		mg/kg	0.89	0.18	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Mercury, Total	0.22		mg/kg	0.09	0.02	1	04/22/13 07:32	04/22/13 09:50	EPA 7471B	1,7471B	MC
Nickel, Total	18		mg/kg	2.2	0.36	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Potassium, Total	720		mg/kg	220	71.	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Selenium, Total	0.86	J	mg/kg	1.8	0.27	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Silver, Total	0.22	J	mg/kg	0.89	0.18	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Sodium, Total	260		mg/kg	180	71.	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.53	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Vanadium, Total	22		mg/kg	0.89	0.18	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG
Zinc, Total	120		mg/kg	4.4	0.44	2	04/18/13 10:35	04/18/13 17:21	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG602411-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Antimony, Total	ND	mg/kg	2.0	0.40	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Arsenic, Total	ND	mg/kg	0.40	0.12	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Barium, Total	ND	mg/kg	0.40	0.12	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Beryllium, Total	ND	mg/kg	0.20	0.02	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Cadmium, Total	ND	mg/kg	0.40	0.02	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Calcium, Total	ND	mg/kg	4.0	0.80	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Chromium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Cobalt, Total	ND	mg/kg	0.80	0.20	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Copper, Total	ND	mg/kg	0.40	0.20	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Iron, Total	ND	mg/kg	2.0	0.80	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Lead, Total	ND	mg/kg	2.0	0.12	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Magnesium, Total	ND	mg/kg	4.0	1.6	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Manganese, Total	ND	mg/kg	0.40	0.08	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Nickel, Total	ND	mg/kg	1.0	0.16	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Potassium, Total	ND	mg/kg	100	32.	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Selenium, Total	ND	mg/kg	0.80	0.12	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Silver, Total	ND	mg/kg	0.40	0.08	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Sodium, Total	ND	mg/kg	80	32.	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Thallium, Total	ND	mg/kg	0.80	0.24	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Vanadium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG
Zinc, Total	ND	mg/kg	2.0	0.20	1	04/18/13 10:35	04/18/13 16:18	1,6010C	MG

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG602948-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	04/22/13 07:32	04/22/13 09:17	1,7471B	MC



**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

## Method Blank Analysis Batch Quality Control

### Prep Information

---

Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG602411-2 SRM Lot Number: 0518-10-02								
Aluminum, Total	104		-		29-171	-		
Antimony, Total	127		-		4-196	-		
Arsenic, Total	109		-		81-119	-		
Barium, Total	108		-		83-118	-		
Beryllium, Total	110		-		83-117	-		
Cadmium, Total	102		-		82-117	-		
Calcium, Total	87		-		83-117	-		
Chromium, Total	106		-		80-119	-		
Cobalt, Total	107		-		83-117	-		
Copper, Total	109		-		83-117	-		
Iron, Total	108		-		51-150	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	101		-		74-126	-		
Manganese, Total	105		-		83-117	-		
Nickel, Total	109		-		82-117	-		
Potassium, Total	107		-		74-126	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	107		-		66-134	-		
Sodium, Total	112		-		74-127	-		
Thallium, Total	101		-		79-120	-		
Vanadium, Total	106		-		79-121	-		

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG602411-2 SRM Lot Number: 0518-10-02					
Zinc, Total	97	-	82-119	-	
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG602948-2 SRM Lot Number: 0518-10-02					
Mercury, Total	95	-	67-133	-	

## Matrix Spike Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602411-4 QC Sample: L1306594-01 Client ID: MS Sample												
Aluminum, Total	10000	211	10000	0	Q	-	-		75-125	-		35
Antimony, Total	2.2J	52.7	52	99		-	-		75-125	-		35
Arsenic, Total	1.7	12.6	15	105		-	-		75-125	-		35
Barium, Total	44.	211	260	102		-	-		75-125	-		35
Beryllium, Total	0.51J	5.27	5.9	112		-	-		75-125	-		35
Cadmium, Total	0.21J	53.7	51	95		-	-		75-125	-		35
Calcium, Total	1900	1050	3200	123		-	-		75-125	-		35
Chromium, Total	24.	21.1	43	90		-	-		75-125	-		35
Cobalt, Total	8.4	52.7	62	102		-	-		75-125	-		35
Copper, Total	20.	26.3	47	102		-	-		75-125	-		35
Iron, Total	16000	105	16000	0	Q	-	-		75-125	-		35
Lead, Total	4.6J	53.7	61	114		-	-		75-125	-		35
Magnesium, Total	4500	1050	5900	133	Q	-	-		75-125	-		35
Manganese, Total	460	52.7	430	0	Q	-	-		75-125	-		35
Nickel, Total	18.	52.7	71	101		-	-		75-125	-		35
Potassium, Total	2100	1050	3400	123		-	-		75-125	-		35
Selenium, Total	1.2J	12.6	14	111		-	-		75-125	-		35
Silver, Total	ND	31.6	35	111		-	-		75-125	-		35
Sodium, Total	210	1050	1600	152	Q	-	-		75-125	-		35
Thallium, Total	ND	12.6	13	103		-	-		75-125	-		35
Vanadium, Total	28.	52.7	83	104		-	-		75-125	-		35

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306597

**Project Number:** 2283.0001Y000

**Report Date:** 04/22/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602411-4 QC Sample: L1306594-01 Client ID: MS Sample									
Zinc, Total	39.	52.7	91	99	-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602948-4 QC Sample: L1306594-01 Client ID: MS Sample									
Mercury, Total	ND	0.229	0.24	105	-	-	70-130	-	35

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306597

Report Date: 04/22/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602411-3 QC Sample: L1306594-01 Client ID: DUP Sample						
Aluminum, Total	10000	9800	mg/kg	2		35
Antimony, Total	2.2J	1.4J	mg/kg	NC		35
Arsenic, Total	1.7	1.8	mg/kg	6		35
Barium, Total	44.	41	mg/kg	7		35
Beryllium, Total	0.51J	0.39J	mg/kg	NC		35
Cadmium, Total	0.21J	ND	mg/kg	NC		35
Calcium, Total	1900	5600	mg/kg	99	Q	35
Chromium, Total	24.	23	mg/kg	4		35
Cobalt, Total	8.4	7.7	mg/kg	9		35
Copper, Total	20.	20	mg/kg	0		35
Iron, Total	16000	16000	mg/kg	0		35
Lead, Total	4.6J	5.2J	mg/kg	NC		35
Magnesium, Total	4500	4400	mg/kg	2		35
Manganese, Total	460	400	mg/kg	14		35
Nickel, Total	18.	17	mg/kg	6		35
Potassium, Total	2100	2100	mg/kg	0		35
Selenium, Total	1.2J	0.80J	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	210	230	mg/kg	9		35

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306597

**Report Date:** 04/22/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602411-3 QC Sample: L1306594-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	28.	27	mg/kg	4	35
Zinc, Total	39.	39	mg/kg	0	35
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602948-3 QC Sample: L1306594-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	35



# **INORGANICS & MISCELLANEOUS**

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-01

Date Collected: 04/15/13 10:00

Client ID: SB-1103 (0-2')

Date Received: 04/15/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	04/16/13 18:56	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS****Lab ID:** L1306597-02**Date Collected:** 04/15/13 11:30**Client ID:** SB-1102 (0-2')**Date Received:** 04/15/13**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	04/16/13 18:56	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS**

Lab ID: L1306597-03

Date Collected: 04/15/13 13:30

Client ID: SB-1101 (0-2')

Date Received: 04/15/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	04/16/13 18:56	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13**SAMPLE RESULTS****Lab ID:** L1306597-04**Date Collected:** 04/15/13 14:10**Client ID:** SB-1502 (0-2')**Date Received:** 04/15/13**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	04/16/13 18:56	30,2540G	RD



## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306597

**Report Date:** 04/22/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG602006-1 QC Sample: L1306614-01 Client ID: DUP Sample						
Solids, Total	93.7	94.4	%	1		20

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** 04/15/2013 23:11

#### Cooler Information Custody Seal Cooler

A Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306597-01A	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-01B	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-01C	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-01D	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-01E	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-01F	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-01G	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1306597-01H	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-01I	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-02A	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-02B	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-02C	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-02D	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306597-02E	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-02F	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-02G	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1306597-02H	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-02I	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-03A	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-03B	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-03C	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-03D	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-03E	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-03F	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-03G	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1306597-03H	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306597-03I	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-04A	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-04B	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-04C	5 gram Encore Sampler	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1306597-04D	Vial MeOH preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-04E	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-04F	Vial Water preserved split	A	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1306597-04G	Plastic 2oz unpreserved for TS	A	N/A	2.4	Y	Absent	TS(7)
L1306597-04H	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-04I	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306597-05A	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1306597-05B	Vial HCl preserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306597**Project Number:** 2283.0001Y000**Report Date:** 04/22/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

Report Format: DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

**Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306597  
**Report Date:** 04/22/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; Colilert, QT SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:*, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commisson on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.



# CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3288

Date Rec'd in Lab: 4/15/13

ALPHA Job #: L306597

**Project Information**

Project Name: *The Doe Fund - Rogers Ave*

Project Location: *Brooklyn, NY*

Project #: *2283.0001Y000*

Project Manager: *Jessica Taylor*

ALPHA Quote #:

**Report Information - Data Deliverables**

FAX  EMAIL

ADEX  Add'l Deliverables

**Billing Information**

Same as Client info PO #:

**Client Information**

Client: *Roux Associates, Inc.*

Address: *209 Shafter Street  
Islandia, NY 11749*

Phone: *(631) 232-2600*

Fax: *(631) 232-9898*

Email: *jtaylor@rouxinc.com*

These samples have been previously analyzed by Alpha

**Turn-Around Time**

Standard  RUSH (only confirmed if pre-approved!)

Date Due: *4/22/13* Time:

**Regulatory Requirements/Report Limits**

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

**ANALYSIS**

VOCs Method 8260

SVOCs Method 8270

Pesticides/PCBs Method 8251/8082

TAL Metals Method 6010.7471

**SAMPLE HANDLING**

Filtration \_\_\_\_\_

Done

Not needed

Lab to do Preservation

Lab to do

(Please specify below)

**TOTAL # BOTTLES**

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			VOCs	SVOCs	Pesticides/PCBs	TAL Metals		
06597-1	SB-1103 (0-2')	4/15/13	1000	Soil	CS	X	X	X	X		6
2	SB-1102 (0-2')	4/15/13	1130	Soil	CS	X	X	X	X		6
3	SB-1101 (0-2')	4/15/13	1330	Soil	CS	X	X	X	X		6
4	SB-1502 (0-2')	4/15/13	1410	Soil	CS	X	X	X	X		6
	Trip Blank										1
5	Trip Blank	4/15/13	1430	Aq	CS	X					2

Container Type P G G G

Preservative - - - -

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By: *Chi Grant* Date/Time: *4/15/13 1430*

Received By: *Richard Grant* Date/Time: *4/15/13 1450*

*Sto...* *4/15/13 1830*

*Sto...* *4/15/13 2230*



## ANALYTICAL REPORT

Lab Number:	L1306695
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND-ROGERS AVE.
Project Number:	2283.0001Y000
Report Date:	04/23/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1306695-01	FIELD BLANK	BROOKLYN, NY	04/16/13 07:45
L1306695-02	SB-1501 (0-2')	BROOKLYN, NY	04/16/13 09:00
L1306695-03	SB-1701 (0-2')	BROOKLYN, NY	04/16/13 10:40
L1306695-04	TRIP BLANK	BROOKLYN, NY	04/16/13 00:00

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1306695-04: The Trip Blank has a result for Acetone present above the reporting limit and a result for 2-Butanone present below the reporting limit. A TIC was also identified. The sample vials were verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

#### Semivolatile Organics

L1306695-02 has elevated detection limits due to the dilution required by the sample matrix.

#### Metals

L1306695-02 and -03 have elevated detection limits for all elements, except Mercury, due to the dilutions required by the sample matrices.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 04/23/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 21:22  
 Analyst: PD

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/17/13 18:23  
 Analyst: PP  
 Percent Solids: 85%

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.18	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.12	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.46	1
Bromoform	ND		ug/kg	4.0	0.42	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.17	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.11	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	5.0	0.78	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.14	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.10	1
p/m-Xylene	ND		ug/kg	2.0	0.32	1
o-Xylene	ND		ug/kg	2.0	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Dibromomethane	ND		ug/kg	10	0.16	1
Styrene	ND		ug/kg	2.0	0.31	1
Dichlorodifluoromethane	ND		ug/kg	10	0.22	1
Acetone	ND		ug/kg	10	3.1	1
Carbon disulfide	ND		ug/kg	10	2.0	1
2-Butanone	ND		ug/kg	10	0.36	1
Vinyl acetate	ND		ug/kg	10	0.48	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.22	1
2-Hexanone	ND		ug/kg	10	0.19	1
Bromochloromethane	ND		ug/kg	5.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.20	1
sec-Butylbenzene	ND		ug/kg	1.0	0.21	1
tert-Butylbenzene	ND		ug/kg	5.0	0.56	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.42	1
Isopropylbenzene	ND		ug/kg	1.0	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.19	1
Naphthalene	ND		ug/kg	5.0	0.77	1
Acrylonitrile	ND		ug/kg	10	0.24	1
n-Propylbenzene	ND		ug/kg	1.0	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57	1
1,4-Dioxane	ND		ug/kg	100	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45	1

**Tentatively Identified Compounds**

Unknown	2.4	J	ug/kg			1
Unknown	2.2	J	ug/kg			1
Unknown	9.6	J	ug/kg			1
Unknown	8.9	J	ug/kg			1
Unknown	3.7	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/17/13 18:51  
 Analyst: PP  
 Percent Solids: 85%

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.3	0.48	1
Bromoform	ND		ug/kg	4.2	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.18	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.0	0.16	1
Chloromethane	ND		ug/kg	5.3	0.82	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.15	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.25	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1
p/m-Xylene	ND		ug/kg	2.1	0.34	1
o-Xylene	ND		ug/kg	2.1	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.16	1
Dibromomethane	ND		ug/kg	10	0.17	1
Styrene	ND		ug/kg	2.1	0.32	1
Dichlorodifluoromethane	ND		ug/kg	10	0.23	1
Acetone	ND		ug/kg	10	3.3	1
Carbon disulfide	ND		ug/kg	10	2.1	1
2-Butanone	ND		ug/kg	10	0.37	1
Vinyl acetate	ND		ug/kg	10	0.50	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.24	1
2-Hexanone	ND		ug/kg	10	0.20	1
Bromochloromethane	ND		ug/kg	5.3	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.3	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Bromobenzene	ND		ug/kg	5.3	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.21	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.3	0.59	1
o-Chlorotoluene	ND		ug/kg	5.3	0.17	1
p-Chlorotoluene	ND		ug/kg	5.3	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.83	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.44	1
Isopropylbenzene	ND		ug/kg	1.0	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	ND		ug/kg	5.3	0.81	1
Acrylonitrile	ND		ug/kg	10	0.25	1
n-Propylbenzene	ND		ug/kg	1.0	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.83	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.60	1
1,4-Dioxane	ND		ug/kg	100	18.	1
1,4-Diethylbenzene	ND		ug/kg	4.2	0.17	1
4-Ethyltoluene	ND		ug/kg	4.2	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.14	1
Ethyl ether	ND		ug/kg	5.3	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	0.47	1

**Tentatively Identified Compounds**

Unknown	2.9	J	ug/kg			1
Unknown	2.5	J	ug/kg			1
Unknown	11	J	ug/kg			1
Unknown	9.7	J	ug/kg			1
Unknown	4.1	J	ug/kg			1
Unknown	3.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-04  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 20:47  
 Analyst: PD

Date Collected: 04/16/13 00:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-04  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 00:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.0		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	4.2	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-04  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 00:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

Unknown	3.4	J	ug/l			1
---------	-----	---	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/17/13 08:59  
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG602320-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.70	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/17/13 08:59  
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG602320-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/17/13 08:59  
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG602320-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

#### Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/17/13 08:59  
 Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG602320-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 12:35  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG603284-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 12:35  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG603284-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/22/13 12:35  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG603284-3					
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	76.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG602320-1 WG602320-2								
Methylene chloride	109		105		70-130	4		30
1,1-Dichloroethane	115		109		70-130	5		30
Chloroform	111		106		70-130	5		30
Carbon tetrachloride	120		110		70-130	9		30
1,2-Dichloropropane	110		106		70-130	4		30
Dibromochloromethane	102		99		70-130	3		30
2-Chloroethylvinyl ether	110		106			4		30
1,1,2-Trichloroethane	100		98		70-130	2		30
Tetrachloroethene	112		102		70-130	9		30
Chlorobenzene	105		101		70-130	4		30
Trichlorofluoromethane	120		110		70-139	9		30
1,2-Dichloroethane	103		102		70-130	1		30
1,1,1-Trichloroethane	112		105		70-130	6		30
Bromodichloromethane	109		106		70-130	3		30
trans-1,3-Dichloropropene	103		100		70-130	3		30
cis-1,3-Dichloropropene	108		105		70-130	3		30
1,1-Dichloropropene	116		106		70-130	9		30
Bromoform	90		91		70-130	1		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	110		105		70-130	5		30
Toluene	106		101		70-130	5		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG602320-1 WG602320-2								
Ethylbenzene	106		100		70-130	6		30
Chloromethane	120		113		52-130	6		30
Bromomethane	121		112		57-147	8		30
Vinyl chloride	125		116		67-130	7		30
Chloroethane	117		109		50-151	7		30
1,1-Dichloroethene	118		109		65-135	8		30
trans-1,2-Dichloroethene	113		108		70-130	5		30
Trichloroethene	111		105		70-130	6		30
1,2-Dichlorobenzene	103		102		70-130	1		30
1,3-Dichlorobenzene	106		102		70-130	4		30
1,4-Dichlorobenzene	104		102		70-130	2		30
Methyl tert butyl ether	99		99		66-130	0		30
p/m-Xylene	109		102		70-130	7		30
o-Xylene	105		99		70-130	6		30
cis-1,2-Dichloroethene	108		105		70-130	3		30
Dibromomethane	104		103		70-130	1		30
Styrene	103		98		70-130	5		30
Dichlorodifluoromethane	120		110		30-146	9		30
Acetone	102		86		54-140	17		30
Carbon disulfide	116		108		59-130	7		30
2-Butanone	92		85		70-130	8		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG602320-1 WG602320-2								
Vinyl acetate	99		99		70-130	0		30
4-Methyl-2-pentanone	82		80		70-130	2		30
1,2,3-Trichloropropane	86		90		68-130	5		30
2-Hexanone	82		77		70-130	6		30
Bromochloromethane	110		107		70-130	3		30
2,2-Dichloropropane	114		107		70-130	6		30
1,2-Dibromoethane	100		97		70-130	3		30
1,3-Dichloropropane	101		98		69-130	3		30
1,1,1,2-Tetrachloroethane	103		100		70-130	3		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	111		104		70-130	7		30
sec-Butylbenzene	110		103		70-130	7		30
tert-Butylbenzene	111		104		70-130	7		30
o-Chlorotoluene	112		108		70-130	4		30
p-Chlorotoluene	106		102		70-130	4		30
1,2-Dibromo-3-chloropropane	86		88		68-130	2		30
Hexachlorobutadiene	114		108		67-130	5		30
Isopropylbenzene	107		101		70-130	6		30
p-Isopropyltoluene	109		103		70-130	6		30
Naphthalene	91		93		70-130	2		30
Acrylonitrile	96		97		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG602320-1 WG602320-2								
Isopropyl Ether	110		107		66-130	3		30
tert-Butyl Alcohol	74		77		70-130	4		30
n-Propylbenzene	108		102		70-130	6		30
1,2,3-Trichlorobenzene	101		103		70-130	2		30
1,2,4-Trichlorobenzene	106		107		70-130	1		30
1,3,5-Trimethylbenzene	108		103		70-130	5		30
1,2,4-Trimethylbenzene	108		104		70-130	4		30
Methyl Acetate	90		91		51-146	1		30
Ethyl Acetate	90		91		70-130	1		30
Acrolein	91		91		70-130	0		30
Cyclohexane	122		113		59-142	8		30
1,4-Dioxane	92		92		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	121		111		50-139	9		30
1,4-Diethylbenzene	109		104		70-130	5		30
4-Ethyltoluene	109		104		70-130	5		30
1,2,4,5-Tetramethylbenzene	106		102		70-130	4		30
Tetrahydrofuran	90		93		66-130	3		30
Ethyl ether	101		105		67-130	4		30
trans-1,4-Dichloro-2-butene	92		92		70-130	0		30
Methyl cyclohexane	120		110		70-130	9		30
Ethyl-Tert-Butyl-Ether	105		104		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG602320-1 WG602320-2								
Tertiary-Amyl Methyl Ether	100		100		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	100		101		70-130

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG603284-1 WG603284-2								
Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	102		99		70-130	3		20
1,1-Dichloroethane	103		102		70-130	1		20
Chloroform	104		104		70-130	0		20
Carbon tetrachloride	104		106		63-132	2		20
1,2-Dichloropropane	100		101		70-130	1		20
Dibromochloromethane	85		87		63-130	2		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	95		96		70-130	1		20
Chlorobenzene	94		95		75-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG603284-1 WG603284-2								
Trichlorofluoromethane	108		106		62-150	2		20
1,2-Dichloroethane	100		102		70-130	2		20
1,1,1-Trichloroethane	104		105		67-130	1		20
Bromodichloromethane	103		103		67-130	0		20
trans-1,3-Dichloropropene	85		84		70-130	1		20
cis-1,3-Dichloropropene	101		100		70-130	1		20
1,1-Dichloropropene	104		106		70-130	2		20
Bromoform	87		86		54-136	1		20
1,1,1,2-Tetrachloroethane	92		92		67-130	0		20
Benzene	102		102		70-130	0		20
Toluene	93		94		70-130	1		20
Ethylbenzene	98		100		70-130	2		20
Chloromethane	89		80		64-130	11		20
Bromomethane	79		80		39-139	1		20
Vinyl chloride	114		113		55-140	1		20
Chloroethane	109		106		55-138	3		20
1,1-Dichloroethene	102		104		61-145	2		20
trans-1,2-Dichloroethene	102		104		70-130	2		20
Trichloroethene	103		102		70-130	1		20
1,2-Dichlorobenzene	93		92		70-130	1		20
1,3-Dichlorobenzene	95		94		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG603284-1 WG603284-2								
1,4-Dichlorobenzene	93		92		70-130	1		20
Methyl tert butyl ether	97		97		63-130	0		20
p/m-Xylene	96		97		70-130	1		20
o-Xylene	96		97		70-130	1		20
cis-1,2-Dichloroethene	98		97		70-130	1		20
Dibromomethane	98		96		70-130	2		20
1,2,3-Trichloropropane	90		92		64-130	2		20
Acrylonitrile	94		98		70-130	4		20
Styrene	91		92		70-130	1		20
Dichlorodifluoromethane	106		106		36-147	0		20
Acetone	111		96		58-148	14		20
Carbon disulfide	108		108		51-130	0		20
2-Butanone	158	Q	153	Q	63-138	3		20
Vinyl acetate	89		93		70-130	4		20
4-Methyl-2-pentanone	95		93		59-130	2		20
2-Hexanone	98		97		57-130	1		20
Bromochloromethane	100		102		70-130	2		20
2,2-Dichloropropane	108		104		63-133	4		20
1,2-Dibromoethane	94		94		70-130	0		20
1,3-Dichloropropane	94		95		70-130	1		20
1,1,1,2-Tetrachloroethane	99		99		64-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG603284-1 WG603284-2								
Bromobenzene	94		94		70-130	0		20
n-Butylbenzene	102		98		53-136	4		20
sec-Butylbenzene	102		103		70-130	1		20
tert-Butylbenzene	97		98		70-130	1		20
o-Chlorotoluene	96		97		70-130	1		20
p-Chlorotoluene	99		99		70-130	0		20
1,2-Dibromo-3-chloropropane	90		91		41-144	1		20
Hexachlorobutadiene	98		98		63-130	0		20
Isopropylbenzene	100		101		70-130	1		20
p-Isopropyltoluene	101		100		70-130	1		20
Naphthalene	84		82		70-130	2		20
n-Propylbenzene	101		101		69-130	0		20
1,2,3-Trichlorobenzene	92		94		70-130	2		20
1,2,4-Trichlorobenzene	96		95		70-130	1		20
1,3,5-Trimethylbenzene	101		99		64-130	2		20
1,2,4-Trimethylbenzene	101		99		70-130	2		20
1,4-Dioxane	96		95		56-162	1		20
1,4-Diethylbenzene	93		89		70-130	4		20
4-Ethyltoluene	101		102		70-130	1		20
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		20
Ethyl ether	104		101		59-134	3		20

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG603284-1 WG603284-2								
trans-1,4-Dichloro-2-butene	87		84		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	99		102		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 01:08  
 Analyst: JB

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/17/13 23:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	88		41-149

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/19/13 14:02  
 Analyst: AS

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/17/13 23:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	84		41-149

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02 D  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 15:35  
 Analyst: JB  
 Percent Solids: 85%

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 08:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	310	81.	2
1,2,4-Trichlorobenzene	ND		ug/kg	390	130	2
Hexachlorobenzene	ND		ug/kg	230	73.	2
Bis(2-chloroethyl)ether	ND		ug/kg	350	110	2
2-Chloronaphthalene	ND		ug/kg	390	130	2
1,2-Dichlorobenzene	ND		ug/kg	390	130	2
1,3-Dichlorobenzene	ND		ug/kg	390	120	2
1,4-Dichlorobenzene	ND		ug/kg	390	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	390	100	2
2,4-Dinitrotoluene	ND		ug/kg	390	84.	2
2,6-Dinitrotoluene	ND		ug/kg	390	100	2
Fluoranthene	180	J	ug/kg	230	72.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	390	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	390	90.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	470	140	2
Bis(2-chloroethoxy)methane	ND		ug/kg	420	120	2
Hexachlorobutadiene	ND		ug/kg	390	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	250	2
Hexachloroethane	ND		ug/kg	310	71.	2
Isophorone	ND		ug/kg	350	100	2
Naphthalene	ND		ug/kg	390	130	2
Nitrobenzene	ND		ug/kg	350	93.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	310	82.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	390	120	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	390	100	2
Butyl benzyl phthalate	ND		ug/kg	390	76.	2
Di-n-butylphthalate	ND		ug/kg	390	76.	2
Di-n-octylphthalate	ND		ug/kg	390	96.	2
Diethyl phthalate	ND		ug/kg	390	83.	2
Dimethyl phthalate	ND		ug/kg	390	99.	2
Benzo(a)anthracene	160	J	ug/kg	230	77.	2

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02 D  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	150	J	ug/kg	310	96.	2
Benzo(b)fluoranthene	120	J	ug/kg	230	79.	2
Benzo(k)fluoranthene	ND		ug/kg	230	75.	2
Chrysene	200	J	ug/kg	230	77.	2
Acenaphthylene	ND		ug/kg	310	73.	2
Anthracene	ND		ug/kg	230	65.	2
Benzo(ghi)perylene	230	J	ug/kg	310	81.	2
Fluorene	ND		ug/kg	390	110	2
Phenanthrene	160	J	ug/kg	230	76.	2
Dibenzo(a,h)anthracene	ND		ug/kg	230	76.	2
Indeno(1,2,3-cd)Pyrene	230	J	ug/kg	310	87.	2
Pyrene	280		ug/kg	230	76.	2
Biphenyl	ND		ug/kg	890	130	2
4-Chloroaniline	ND		ug/kg	390	100	2
2-Nitroaniline	ND		ug/kg	390	110	2
3-Nitroaniline	ND		ug/kg	390	110	2
4-Nitroaniline	ND		ug/kg	390	100	2
Dibenzofuran	ND		ug/kg	390	130	2
2-Methylnaphthalene	ND		ug/kg	470	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	390	120	2
Acetophenone	ND		ug/kg	390	120	2
2,4,6-Trichlorophenol	ND		ug/kg	230	74.	2
P-Chloro-M-Cresol	ND		ug/kg	390	110	2
2-Chlorophenol	ND		ug/kg	390	120	2
2,4-Dichlorophenol	ND		ug/kg	350	130	2
2,4-Dimethylphenol	ND		ug/kg	390	120	2
2-Nitrophenol	ND		ug/kg	840	120	2
4-Nitrophenol	ND		ug/kg	550	130	2
2,4-Dinitrophenol	ND		ug/kg	1900	540	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	140	2
Pentachlorophenol	ND		ug/kg	310	84.	2
Phenol	ND		ug/kg	390	120	2
2-Methylphenol	ND		ug/kg	390	130	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	560	130	2
2,4,5-Trichlorophenol	ND		ug/kg	390	130	2
Benzoic Acid	ND		ug/kg	1300	400	2
Benzyl Alcohol	ND		ug/kg	390	120	2
Carbazole	ND		ug/kg	390	84.	2

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-02 D

Date Collected: 04/16/13 09:00

Client ID: SB-1501 (0-2')

Date Received: 04/16/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown	370	J	ug/kg			2
---------	-----	---	-------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	81		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 16:03  
 Analyst: JB  
 Percent Solids: 85%

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 08:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	ND		ug/kg	190	64.	1
1,3-Dichlorobenzene	ND		ug/kg	190	61.	1
1,4-Dichlorobenzene	ND		ug/kg	190	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	190	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	35.	1
Isophorone	ND		ug/kg	170	52.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	ND		ug/kg	120	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	39.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1
Chrysene	ND		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	36.	1
Anthracene	ND		ug/kg	120	32.	1
Benzo(ghi)perylene	ND		ug/kg	160	40.	1
Fluorene	ND		ug/kg	190	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	43.	1
Pyrene	ND		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	55.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	65.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	160	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	42.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown	210	J	ug/kg			1
Unknown	290	J	ug/kg			1
Unknown	160	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	76		0-136
4-Terphenyl-d14	66		18-120

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 11:52  
 Analyst: JB

Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG602082-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/19/13 11:52  
Analyst: JB

Extraction Method: EPA 3546  
Extraction Date: 04/17/13 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG602082-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 11:52  
 Analyst: JB

Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG602082-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Tentatively Identified Compounds

Unknown	150	J	ug/kg
---------	-----	---	-------

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	80		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis  
Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 04/18/13 20:58  
**Analyst:** JB

**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/17/13 23:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG602250-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D  
 Analytical Date: 04/18/13 20:58  
 Analyst: JB

Extraction Method: EPA 3510C  
 Extraction Date: 04/17/13 23:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG602250-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

#### Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/18/13 20:58  
 Analyst: JB

Extraction Method: EPA 3510C  
 Extraction Date: 04/17/13 23:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG602250-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	89		41-149

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/19/13 12:34  
 Analyst: AS

Extraction Method: EPA 3510C  
 Extraction Date: 04/17/13 23:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG602251-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 04/19/13 12:34

Extraction Date: 04/17/13 23:08

Analyst: AS

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG602251-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	52		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG602082-2 WG602082-3								
Acenaphthene	72		78		31-137	8		50
1,2,4-Trichlorobenzene	68		77		38-107	12		50
Hexachlorobenzene	86		91		40-140	6		50
Bis(2-chloroethyl)ether	58		68		40-140	16		50
2-Chloronaphthalene	71		77		40-140	8		50
1,2-Dichlorobenzene	59		70		40-140	17		50
1,3-Dichlorobenzene	58		70		40-140	19		50
1,4-Dichlorobenzene	59		70		28-104	17		50
3,3'-Dichlorobenzidine	47		53		40-140	12		50
2,4-Dinitrotoluene	92	Q	95	Q	28-89	3		50
2,6-Dinitrotoluene	87		94		40-140	8		50
Fluoranthene	81		85		40-140	5		50
4-Chlorophenyl phenyl ether	78		83		40-140	6		50
4-Bromophenyl phenyl ether	85		89		40-140	5		50
Bis(2-chloroisopropyl)ether	60		71		40-140	17		50
Bis(2-chloroethoxy)methane	59		68		40-117	14		50
Hexachlorobutadiene	67		79		40-140	16		50
Hexachlorocyclopentadiene	57		68		40-140	18		50
Hexachloroethane	60		73		40-140	20		50
Isophorone	62		73		40-140	16		50
Naphthalene	67		76		40-140	13		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306695

**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG602082-2 WG602082-3								
Nitrobenzene	75		86		40-140	14		50
NitrosoDiPhenylAmine(NDPA)/DPA	79		85			7		50
n-Nitrosodi-n-propylamine	62		72		32-121	15		50
Bis(2-Ethylhexyl)phthalate	87		90		40-140	3		50
Butyl benzyl phthalate	82		86		40-140	5		50
Di-n-butylphthalate	88		91		40-140	3		50
Di-n-octylphthalate	89		92		40-140	3		50
Diethyl phthalate	80		86		40-140	7		50
Dimethyl phthalate	81		86		40-140	6		50
Benzo(a)anthracene	87		89		40-140	2		50
Benzo(a)pyrene	83		82		40-140	1		50
Benzo(b)fluoranthene	77		77		40-140	0		50
Benzo(k)fluoranthene	86		93		40-140	8		50
Chrysene	82		86		40-140	5		50
Acenaphthylene	77		83		40-140	8		50
Anthracene	83		87		40-140	5		50
Benzo(ghi)perylene	84		89		40-140	6		50
Fluorene	79		85		40-140	7		50
Phenanthrene	79		83		40-140	5		50
Dibenzo(a,h)anthracene	83		87		40-140	5		50
Indeno(1,2,3-cd)Pyrene	76		81		40-140	6		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG602082-2 WG602082-3								
Pyrene	79		81		35-142	3		50
Biphenyl	70		79			12		50
4-Chloroaniline	47		58		40-140	21		50
2-Nitroaniline	86		91		47-134	6		50
3-Nitroaniline	44		47		26-129	7		50
4-Nitroaniline	83		86		41-125	4		50
Dibenzofuran	76		84		40-140	10		50
2-Methylnaphthalene	67		74		40-140	10		50
1,2,4,5-Tetrachlorobenzene	74		84		40-117	13		50
Acetophenone	63		76		14-144	19		50
2,4,6-Trichlorophenol	90		94		30-130	4		50
P-Chloro-M-Cresol	89		92		26-103	3		50
2-Chlorophenol	68		79		25-102	15		50
2,4-Dichlorophenol	80		89		30-130	11		50
2,4-Dimethylphenol	65		77		30-130	17		50
2-Nitrophenol	69		84		30-130	20		50
4-Nitrophenol	103		107		11-114	4		50
2,4-Dinitrophenol	95		99		4-130	4		50
4,6-Dinitro-o-cresol	93		97		10-130	4		50
Pentachlorophenol	83		86		17-109	4		50
Phenol	65		75		26-90	14		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG602082-2 WG602082-3								
2-Methylphenol	67		78		30-130.	15		50
3-Methylphenol/4-Methylphenol	70		83		30-130	17		50
2,4,5-Trichlorophenol	92		96		30-130	4		50
Benzoic Acid	37		41			10		50
Benzyl Alcohol	64		74		40-140	14		50
Carbazole	80		84		54-128	5		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	66		77		25-120
Phenol-d6	65		74		10-120
Nitrobenzene-d5	70		80		23-120
2-Fluorobiphenyl	70		76		30-120
2,4,6-Tribromophenol	88		91		0-136
4-Terphenyl-d14	79		79		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG602250-2 WG602250-3								
1,2,4-Trichlorobenzene	69		74		39-98	7		30
Bis(2-chloroethyl)ether	65		70		40-140	7		30
1,2-Dichlorobenzene	60		65		40-140	8		30
1,3-Dichlorobenzene	60		64		40-140	6		30
1,4-Dichlorobenzene	59		63		36-97	7		30
3,3'-Dichlorobenzidine	68		66		40-140	3		30
2,4-Dinitrotoluene	100	Q	101	Q	24-96	1		30
2,6-Dinitrotoluene	98		97		40-140	1		30
4-Chlorophenyl phenyl ether	83		84		40-140	1		30
4-Bromophenyl phenyl ether	90		90		40-140	0		30
Bis(2-chloroisopropyl)ether	70		74		40-140	6		30
Bis(2-chloroethoxy)methane	68		73		40-140	7		30
Hexachlorocyclopentadiene	54		55		40-140	2		30
Isophorone	74		76		40-140	3		30
Nitrobenzene	82		88		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	86		85		40-140	1		30
n-Nitrosodi-n-propylamine	72		76		29-132	5		30
Bis(2-Ethylhexyl)phthalate	97		94		40-140	3		30
Butyl benzyl phthalate	97		93		40-140	4		30
Di-n-butylphthalate	96		95		40-140	1		30
Di-n-octylphthalate	99		99		40-140	0		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG602250-2 WG602250-3								
Diethyl phthalate	88		88		40-140	0		30
Dimethyl phthalate	88		89		40-140	1		30
Biphenyl	75		79			5		30
4-Chloroaniline	53		54		40-140	2		30
2-Nitroaniline	93		91		52-143	2		30
3-Nitroaniline	58		51		25-145	13		30
4-Nitroaniline	99		94		51-143	5		30
Dibenzofuran	82		84		40-140	2		30
1,2,4,5-Tetrachlorobenzene	77		83		2-134	8		30
Acetophenone	72		78		39-129	8		30
2,4,6-Trichlorophenol	96		101		30-130	5		30
P-Chloro-M-Cresol	93		92		23-97	1		30
2-Chlorophenol	71		76		27-123	7		30
2,4-Dichlorophenol	84		87		30-130	4		30
2,4-Dimethylphenol	77		79		30-130	3		30
2-Nitrophenol	80		86		30-130	7		30
4-Nitrophenol	76		78		10-80	3		30
2,4-Dinitrophenol	99		100		20-130	1		30
4,6-Dinitro-o-cresol	106		107		20-164	1		30
Phenol	37		39		12-110	5		30
2-Methylphenol	69		73		30-130	6		30

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG602250-2 WG602250-3								
3-Methylphenol/4-Methylphenol	69		72		30-130	4		30
2,4,5-Trichlorophenol	98		100		30-130	2		30
Benzoic Acid	47		28			51	Q	30
Benzyl Alcohol	63		66			5		30
Carbazole	87		86		55-144	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		57		21-120
Phenol-d6	37		39		10-120
Nitrobenzene-d5	81		86		23-120
2-Fluorobiphenyl	77		80		15-120
2,4,6-Tribromophenol	92		97		10-120
4-Terphenyl-d14	89		87		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG602251-2 WG602251-3								
Acenaphthene	70		62		37-111	12		40
2-Chloronaphthalene	68		63		40-140	8		40
Fluoranthene	74		70		40-140	6		40
Hexachlorobutadiene	63		56		40-140	12		40
Naphthalene	63		58		40-140	8		40
Benzo(a)anthracene	85		75		40-140	13		40
Benzo(a)pyrene	79		72		40-140	9		40
Benzo(b)fluoranthene	80		72		40-140	11		40
Benzo(k)fluoranthene	84		76		40-140	10		40
Chrysene	80		73		40-140	9		40
Acenaphthylene	69		65		40-140	6		40
Anthracene	77		73		40-140	5		40
Benzo(ghi)perylene	65		68		40-140	5		40
Fluorene	82		70		40-140	16		40
Phenanthrene	62		60		40-140	3		40
Dibenzo(a,h)anthracene	72		70		40-140	3		40
Indeno(1,2,3-cd)Pyrene	69		71		40-140	3		40
Pyrene	71		67		26-127	6		40
2-Methylnaphthalene	65		61		40-140	6		40
Pentachlorophenol	65		60		9-103	8		40
Hexachlorobenzene	61		62		40-140	2		40

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG602251-2 WG602251-3								
Hexachloroethane	60		56		40-140	7		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		41		21-120
Phenol-d6	32		31		10-120
Nitrobenzene-d5	66		63		23-120
2-Fluorobiphenyl	66		61		15-120
2,4,6-Tribromophenol	79		62		10-120
4-Terphenyl-d14	71		66		41-149

# PCBS

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/19/13 09:42  
 Analyst: KB

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/18/13 02:07  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/18/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	86		30-150
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	96		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

**Lab ID:** L1306695-02  
**Client ID:** SB-1501 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/18/13 13:24  
**Analyst:** KB  
**Percent Solids:** 85%

**Date Collected:** 04/16/13 09:00  
**Date Received:** 04/16/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/17/13 09:54  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/17/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.8	7.47	1
Aroclor 1221	ND		ug/kg	37.8	11.4	1
Aroclor 1232	ND		ug/kg	37.8	8.04	1
Aroclor 1242	ND		ug/kg	37.8	7.18	1
Aroclor 1248	ND		ug/kg	37.8	4.58	1
Aroclor 1254	ND		ug/kg	37.8	5.96	1
Aroclor 1260	ND		ug/kg	37.8	6.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	102		30-150
Decachlorobiphenyl	78		30-150
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	81		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

**Lab ID:** L1306695-03  
**Client ID:** SB-1701 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/18/13 13:37  
**Analyst:** KB  
**Percent Solids:** 85%

**Date Collected:** 04/16/13 10:40  
**Date Received:** 04/16/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/17/13 09:54  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/17/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.9	7.48	1
Aroclor 1221	ND		ug/kg	37.9	11.4	1
Aroclor 1232	ND		ug/kg	37.9	8.05	1
Aroclor 1242	ND		ug/kg	37.9	7.19	1
Aroclor 1248	ND		ug/kg	37.9	4.58	1
Aroclor 1254	ND		ug/kg	37.9	5.97	1
Aroclor 1260	ND		ug/kg	37.9	6.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	91		30-150
Decachlorobiphenyl	81		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/18/13 11:26  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 09:54  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/17/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/17/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-03 Batch: WG602117-1					
Aroclor 1016	ND		ug/kg	32.8	6.48
Aroclor 1221	ND		ug/kg	32.8	9.90
Aroclor 1232	ND		ug/kg	32.8	6.97
Aroclor 1242	ND		ug/kg	32.8	6.23
Aroclor 1248	ND		ug/kg	32.8	3.97
Aroclor 1254	ND		ug/kg	32.8	5.18
Aroclor 1260	ND		ug/kg	32.8	5.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	100		30-150
Decachlorobiphenyl	117		30-150
2,4,5,6-Tetrachloro-m-xylene	106		30-150
Decachlorobiphenyl	142		30-150



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/19/13 09:03  
 Analyst: KB

Extraction Method: EPA 3510C  
 Extraction Date: 04/18/13 02:07  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/18/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG602298-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	97		30-150
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	108		30-150



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG602117-2 WG602117-3								
Aroclor 1016	79		82		40-140	4		50
Aroclor 1260	88		90		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	102		103		30-150
Decachlorobiphenyl	112		116		30-150
2,4,5,6-Tetrachloro-m-xylene	105		106		30-150
Decachlorobiphenyl	132		137		30-150

Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG602298-2 WG602298-3								
Aroclor 1016	80		77		40-140	4		50
Aroclor 1260	83		75		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150
Decachlorobiphenyl	97		58		30-150
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150
Decachlorobiphenyl	109		63		30-150

# PESTICIDES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/18/13 18:52  
 Analyst: BW

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/18/13 03:09  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	88		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

**Lab ID:** L1306695-02  
**Client ID:** SB-1501 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 04/18/13 17:10  
**Analyst:** BW  
**Percent Solids:** 85%

**Date Collected:** 04/16/13 09:00  
**Date Received:** 04/16/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/17/13 15:33  
**Cleanup Method1:** EPA 3620B  
**Cleanup Date1:** 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.84	0.360	1
Lindane	ND		ug/kg	0.766	0.342	1
Alpha-BHC	ND		ug/kg	0.766	0.217	1
Beta-BHC	ND		ug/kg	1.84	0.697	1
Heptachlor	ND		ug/kg	0.919	0.412	1
Aldrin	ND		ug/kg	1.84	0.647	1
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1
Endrin	ND		ug/kg	0.766	0.314	1
Endrin ketone	ND		ug/kg	1.84	0.473	1
Dieldrin	ND		ug/kg	1.15	0.574	1
4,4'-DDE	ND		ug/kg	1.84	0.425	1
4,4'-DDD	ND		ug/kg	1.84	0.655	1
4,4'-DDT	ND		ug/kg	3.44	1.48	1
Endosulfan I	ND		ug/kg	1.84	0.434	1
Endosulfan II	ND		ug/kg	1.84	0.614	1
Endosulfan sulfate	ND		ug/kg	0.766	0.350	1
Methoxychlor	ND		ug/kg	3.44	1.07	1
Toxaphene	ND		ug/kg	34.4	9.65	1
cis-Chlordane	ND		ug/kg	2.30	0.640	1
trans-Chlordane	ND		ug/kg	2.30	0.606	1
Chlordane	ND		ug/kg	14.9	6.09	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	70		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/18/13 17:23  
 Analyst: BW  
 Percent Solids: 85%

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 15:33  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.80	0.352	1
Lindane	ND		ug/kg	0.750	0.335	1
Alpha-BHC	ND		ug/kg	0.750	0.213	1
Beta-BHC	ND		ug/kg	1.80	0.683	1
Heptachlor	ND		ug/kg	0.900	0.404	1
Aldrin	ND		ug/kg	1.80	0.634	1
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1
Endrin	ND		ug/kg	0.750	0.308	1
Endrin ketone	ND		ug/kg	1.80	0.464	1
Dieldrin	ND		ug/kg	1.12	0.563	1
4,4'-DDE	ND		ug/kg	1.80	0.416	1
4,4'-DDD	ND		ug/kg	1.80	0.642	1
4,4'-DDT	ND		ug/kg	3.38	1.45	1
Endosulfan I	ND		ug/kg	1.80	0.425	1
Endosulfan II	ND		ug/kg	1.80	0.602	1
Endosulfan sulfate	ND		ug/kg	0.750	0.343	1
Methoxychlor	ND		ug/kg	3.38	1.05	1
Toxaphene	ND		ug/kg	33.8	9.45	1
cis-Chlordane	ND		ug/kg	2.25	0.627	1
trans-Chlordane	ND		ug/kg	2.25	0.594	1
Chlordane	ND		ug/kg	14.6	5.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	88		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 04/18/13 16:32  
 Analyst: BW

Extraction Method: EPA 3546  
 Extraction Date: 04/17/13 15:33  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG602225-1					
Delta-BHC	ND		ug/kg	1.58	0.309
Lindane	ND		ug/kg	0.658	0.294
Alpha-BHC	ND		ug/kg	0.658	0.187
Beta-BHC	ND		ug/kg	1.58	0.599
Heptachlor	ND		ug/kg	0.789	0.354
Aldrin	ND		ug/kg	1.58	0.556
Heptachlor epoxide	ND		ug/kg	2.96	0.888
Endrin	ND		ug/kg	0.658	0.270
Endrin ketone	ND		ug/kg	1.58	0.406
Dieldrin	ND		ug/kg	0.987	0.493
4,4'-DDE	ND		ug/kg	1.58	0.365
4,4'-DDD	ND		ug/kg	1.58	0.563
4,4'-DDT	ND		ug/kg	2.96	1.27
Endosulfan I	ND		ug/kg	1.58	0.373
Endosulfan II	ND		ug/kg	1.58	0.528
Endosulfan sulfate	ND		ug/kg	0.658	0.301
Methoxychlor	ND		ug/kg	2.96	0.921
Toxaphene	ND		ug/kg	29.6	8.29
cis-Chlordane	ND		ug/kg	1.97	0.550
trans-Chlordane	ND		ug/kg	1.97	0.521
Chlordane	ND		ug/kg	12.8	5.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	120		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/18/13 18:14  
Analyst: BW

Extraction Method: EPA 3510C  
Extraction Date: 04/18/13 03:09  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG602306-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
cis-Chlordane	ND		ug/l	0.020	0.007
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	91		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306695

Report Date: 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG602225-2 WG602225-3								
Delta-BHC	91		88		30-150	3		30
Lindane	77		97		30-150	23		30
Alpha-BHC	98		97		30-150	1		30
Beta-BHC	96		94		30-150	2		30
Heptachlor	102		99		30-150	3		30
Aldrin	104		102		30-150	2		30
Heptachlor epoxide	100		99		30-150	1		30
Endrin	108		107		30-150	1		30
Endrin ketone	75		72		30-150	4		30
Dieldrin	101		99		30-150	2		30
4,4'-DDE	99		98		30-150	1		30
4,4'-DDD	94		92		30-150	2		30
4,4'-DDT	98		95		30-150	3		30
Endosulfan I	99		99		30-150	0		30
Endosulfan II	85		83		30-150	2		30
Endosulfan sulfate	63		62		30-150	2		30
Methoxychlor	100		102		30-150	2		30
cis-Chlordane	100		99		30-150	1		30
trans-Chlordane	104		102		30-150	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG602225-2 WG602225-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		114		30-150	A
Decachlorobiphenyl	96		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		97		30-150	B
Decachlorobiphenyl	110		112		30-150	B

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG602306-2 WG602306-3

Delta-BHC	81		76		30-150	7	20
Lindane	88		84		30-150	5	20
Alpha-BHC	90		84		30-150	7	20
Beta-BHC	89		83		30-150	8	20
Heptachlor	87		85		30-150	2	20
Aldrin	89		88		30-150	0	20
Heptachlor epoxide	94		88		30-150	7	20
Endrin	106		94		30-150	12	20
Endrin ketone	66		60		30-150	10	20

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG602306-2 WG602306-3								
Dieldrin	98		88		30-150	10		20
4,4'-DDE	95		87		30-150	9		20
4,4'-DDD	86		83		30-150	4		20
4,4'-DDT	85		78		30-150	9		20
Endosulfan I	96		88		30-150	9		20
Endosulfan II	79		73		30-150	8		20
Endosulfan sulfate	66		58		30-150	14		20
Methoxychlor	89		80		30-150	10		20
cis-Chlordane	93		88		30-150	6		20
trans-Chlordane	99		91		30-150	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		99		30-150	A
Decachlorobiphenyl	67		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		90		30-150	B
Decachlorobiphenyl	93		92		30-150	B

## METALS

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**SAMPLE RESULTS**

Lab ID: L1306695-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water

Date Collected: 04/16/13 07:45  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	ND		mg/l	0.10	0.020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Antimony, Total	ND		mg/l	0.0500	0.0100	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Arsenic, Total	0.0030	J	mg/l	0.0050	0.0020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Barium, Total	ND		mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Beryllium, Total	ND		mg/l	0.0050	0.0004	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Cadmium, Total	ND		mg/l	0.0050	0.0006	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Calcium, Total	ND		mg/l	0.10	0.020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Chromium, Total	ND		mg/l	0.010	0.0020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Copper, Total	ND		mg/l	0.0100	0.0050	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Iron, Total	ND		mg/l	0.050	0.020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Lead, Total	ND		mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Magnesium, Total	ND		mg/l	0.10	0.040	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Manganese, Total	ND		mg/l	0.0100	0.0020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/19/13 14:17	04/20/13 10:43	EPA 7470A	1,7470A	KL
Nickel, Total	ND		mg/l	0.0250	0.0040	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Potassium, Total	ND		mg/l	2.5	0.80	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Selenium, Total	ND		mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Silver, Total	ND		mg/l	0.0070	0.0020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Sodium, Total	ND		mg/l	2.0	0.80	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Thallium, Total	ND		mg/l	0.0200	0.0060	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL
Zinc, Total	ND		mg/l	0.0500	0.0050	1	04/17/13 10:40	04/18/13 12:55	EPA 3005A	1,6010C	KL



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**SAMPLE RESULTS**

Lab ID: L1306695-02  
 Client ID: SB-1501 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 85%

Date Collected: 04/16/13 09:00  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	13000		mg/kg	9.2	1.8	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Antimony, Total	1.5	J	mg/kg	4.6	0.92	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Arsenic, Total	5.6		mg/kg	0.92	0.28	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Barium, Total	47		mg/kg	0.92	0.28	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Beryllium, Total	0.50		mg/kg	0.46	0.04	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.92	0.06	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Calcium, Total	1800		mg/kg	9.2	1.8	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.92	0.18	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Cobalt, Total	6.0		mg/kg	1.8	0.46	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Copper, Total	15		mg/kg	0.92	0.46	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Iron, Total	16000		mg/kg	4.6	1.8	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Lead, Total	110		mg/kg	4.6	0.28	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Magnesium, Total	2100		mg/kg	9.2	3.7	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Manganese, Total	280		mg/kg	0.92	0.18	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	04/22/13 07:32	04/22/13 11:19	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.3	0.37	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Potassium, Total	640		mg/kg	230	74.	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Selenium, Total	0.74	J	mg/kg	1.8	0.28	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.92	0.18	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Sodium, Total	ND		mg/kg	180	74.	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.55	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Vanadium, Total	23		mg/kg	0.92	0.18	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG
Zinc, Total	47		mg/kg	4.6	0.46	2	04/18/13 11:45	04/19/13 10:39	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**SAMPLE RESULTS**

Lab ID: L1306695-03  
 Client ID: SB-1701 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 85%

Date Collected: 04/16/13 10:40  
 Date Received: 04/16/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	16000		mg/kg	9.1	1.8	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Antimony, Total	2.5	J	mg/kg	4.5	0.91	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Arsenic, Total	1.9		mg/kg	0.91	0.27	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Barium, Total	98		mg/kg	0.91	0.27	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Beryllium, Total	0.33	J	mg/kg	0.45	0.04	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Cadmium, Total	0.39	J	mg/kg	0.91	0.05	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Calcium, Total	7600		mg/kg	9.1	1.8	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Chromium, Total	52		mg/kg	0.91	0.18	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Cobalt, Total	16		mg/kg	1.8	0.45	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Copper, Total	53		mg/kg	0.91	0.45	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Iron, Total	26000		mg/kg	4.5	1.8	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Lead, Total	110		mg/kg	4.5	0.27	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Magnesium, Total	15000		mg/kg	9.1	3.6	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Manganese, Total	720		mg/kg	0.91	0.18	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Mercury, Total	0.08	J	mg/kg	0.09	0.02	1	04/22/13 07:32	04/22/13 11:21	EPA 7471B	1,7471B	MC
Nickel, Total	29		mg/kg	2.3	0.36	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Potassium, Total	750		mg/kg	230	73.	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Selenium, Total	1.2	J	mg/kg	1.8	0.27	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Silver, Total	0.34	J	mg/kg	0.91	0.18	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Sodium, Total	400		mg/kg	180	73.	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.54	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Vanadium, Total	53		mg/kg	0.91	0.18	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG
Zinc, Total	130		mg/kg	4.5	0.45	2	04/18/13 11:45	04/19/13 10:42	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>Total Metals - Westborough Lab for sample(s): 01 Batch: WG602121-1</b>									
Aluminum, Total	ND	mg/l	0.10	0.020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Antimony, Total	ND	mg/l	0.0500	0.0100	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Arsenic, Total	ND	mg/l	0.0050	0.0020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Barium, Total	ND	mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Beryllium, Total	ND	mg/l	0.0050	0.0004	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Cadmium, Total	ND	mg/l	0.0050	0.0006	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Calcium, Total	ND	mg/l	0.10	0.020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Chromium, Total	ND	mg/l	0.010	0.0020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Cobalt, Total	ND	mg/l	0.0200	0.0050	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Copper, Total	ND	mg/l	0.0100	0.0050	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Iron, Total	ND	mg/l	0.050	0.020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Lead, Total	ND	mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Magnesium, Total	ND	mg/l	0.10	0.040	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Manganese, Total	ND	mg/l	0.0100	0.0020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Nickel, Total	ND	mg/l	0.0250	0.0040	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Potassium, Total	ND	mg/l	2.5	0.80	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Selenium, Total	ND	mg/l	0.0100	0.0030	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Silver, Total	ND	mg/l	0.0070	0.0020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Sodium, Total	ND	mg/l	2.0	0.80	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Thallium, Total	ND	mg/l	0.0200	0.0060	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Vanadium, Total	ND	mg/l	0.0100	0.0020	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL
Zinc, Total	ND	mg/l	0.0500	0.0050	1	04/17/13 10:40	04/18/13 12:33	1,6010C	KL

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>Total Metals - Westborough Lab for sample(s): 02-03 Batch: WG602446-1</b>									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Antimony, Total	ND	mg/kg	2.0	0.40	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Arsenic, Total	ND	mg/kg	0.40	0.12	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Barium, Total	ND	mg/kg	0.40	0.12	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

### Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.20	0.02	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Cadmium, Total	ND	mg/kg	0.40	0.02	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Calcium, Total	ND	mg/kg	4.0	0.80	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Chromium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Cobalt, Total	ND	mg/kg	0.80	0.20	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Copper, Total	ND	mg/kg	0.40	0.20	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Iron, Total	ND	mg/kg	2.0	0.80	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Lead, Total	ND	mg/kg	2.0	0.12	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Magnesium, Total	ND	mg/kg	4.0	1.6	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Manganese, Total	ND	mg/kg	0.40	0.08	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Nickel, Total	ND	mg/kg	1.0	0.16	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Potassium, Total	ND	mg/kg	100	32.	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Selenium, Total	ND	mg/kg	0.80	0.12	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Silver, Total	ND	mg/kg	0.40	0.08	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Sodium, Total	ND	mg/kg	80	32.	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Thallium, Total	ND	mg/kg	0.80	0.24	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Vanadium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG
Zinc, Total	ND	mg/kg	2.0	0.20	1	04/18/13 11:45	04/19/13 09:38	1,6010C	MG

#### Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG602653-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	04/19/13 14:17	04/20/13 10:39	1,7470A	KL

#### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-03 Batch: WG602953-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	04/22/13 07:32	04/22/13 10:03	1,7471B	MC



**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

## Method Blank Analysis Batch Quality Control

### Prep Information

---

Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG602121-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	117		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	107		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	114		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	101		-		80-120	-		



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306695

**Report Date:** 04/23/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG602121-2					
Zinc, Total	104	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306695

**Report Date:** 04/23/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG602446-2 SRM Lot Number: 0518-10-02					
Aluminum, Total	111	-	29-171	-	
Antimony, Total	122	-	4-196	-	
Arsenic, Total	104	-	81-119	-	
Barium, Total	108	-	83-118	-	
Beryllium, Total	110	-	83-117	-	
Cadmium, Total	98	-	82-117	-	
Calcium, Total	91	-	83-117	-	
Chromium, Total	106	-	80-119	-	
Cobalt, Total	107	-	83-117	-	
Copper, Total	109	-	83-117	-	
Iron, Total	101	-	51-150	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	97	-	74-126	-	
Manganese, Total	97	-	83-117	-	
Nickel, Total	104	-	82-117	-	
Potassium, Total	99	-	74-126	-	
Selenium, Total	106	-	80-120	-	
Silver, Total	104	-	66-134	-	
Sodium, Total	120	-	74-127	-	
Thallium, Total	101	-	79-120	-	
Vanadium, Total	106	-	79-121	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306695

**Report Date:** 04/23/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG602446-2 SRM Lot Number: 0518-10-02					
Zinc, Total	94	-	82-119	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG602653-2					
Mercury, Total	104	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG602953-2 SRM Lot Number: 0518-10-02					
Mercury, Total	95	-	67-133	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01    QC Batch ID: WG602121-4    QC Sample: L1306700-17    Client ID: MS Sample												
Aluminum, Total	0.054J	2	2.0	100		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.500	100		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.131	109		-	-		75-125	-		20
Barium, Total	ND	2	1.84	92		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0479	96		-	-		75-125	-		20
Cadmium, Total	ND	0.51	0.496	97		-	-		75-125	-		20
Calcium, Total	0.46	10	10	95		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.20	100		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.505	101		-	-		75-125	-		20
Copper, Total	ND	0.25	0.240	96		-	-		75-125	-		20
Iron, Total	0.026J	1	1.0	100		-	-		75-125	-		20
Lead, Total	ND	0.51	0.537	105		-	-		75-125	-		20
Magnesium, Total	0.09J	10	9.8	98		-	-		75-125	-		20
Manganese, Total	0.002J	0.5	0.450	90		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.508	102		-	-		75-125	-		20
Potassium, Total	ND	10	9.9	99		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.133	111		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0493	99		-	-		75-125	-		20
Sodium, Total	ND	10	10	100		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.121	101		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.482	96		-	-		75-125	-		20



**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG602121-4 QC Sample: L1306700-17 Client ID: MS Sample									
Zinc, Total	0.0211J	0.5	0.519	104	-	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306695

Project Number: 2283.0001Y000

Report Date: 04/23/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602446-4 QC Sample: L1306694-01 Client ID: MS Sample									
Aluminum, Total	5100	190	9600	2370	Q	-	75-125	-	35
Antimony, Total	30.	47.4	140	232	Q	-	75-125	-	35
Arsenic, Total	7.0	11.4	27	176	Q	-	75-125	-	35
Barium, Total	110	190	350	126	Q	-	75-125	-	35
Beryllium, Total	0.32J	4.74	5.2	110		-	75-125	-	35
Cadmium, Total	1.8	48.4	45	89		-	75-125	-	35
Calcium, Total	24000	949	26000	211	Q	-	75-125	-	35
Chromium, Total	38.	19	68	158	Q	-	75-125	-	35
Cobalt, Total	5.9	47.4	54	101		-	75-125	-	35
Copper, Total	170	23.7	230	253	Q	-	75-125	-	35
Iron, Total	24000	94.9	39000	15800	Q	-	75-125	-	35
Lead, Total	740	48.4	1200	951	Q	-	75-125	-	35
Magnesium, Total	2300	949	3800	158	Q	-	75-125	-	35
Manganese, Total	370	47.4	350	0	Q	-	75-125	-	35
Nickel, Total	15.	47.4	67	110		-	75-125	-	35
Potassium, Total	850	949	3000	227	Q	-	75-125	-	35
Selenium, Total	2.2	11.4	14	104		-	75-125	-	35
Silver, Total	0.94J	28.4	34	119		-	75-125	-	35
Sodium, Total	640	949	2300	175	Q	-	75-125	-	35
Thallium, Total	ND	11.4	10	88		-	75-125	-	35
Vanadium, Total	19.	47.4	73	114		-	75-125	-	35

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306695

**Project Number:** 2283.0001Y000

**Report Date:** 04/23/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602446-4 QC Sample: L1306694-01 Client ID: MS Sample									
Zinc, Total	660	47.4	1400	1560	Q	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG602653-4 QC Sample: L1306695-01 Client ID: FIELD BLANK									
Mercury, Total	ND	0.001	0.00121	122	-	-	70-130	-	20
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602953-4 QC Sample: L1306674-01 Client ID: MS Sample									
Mercury, Total	0.10	0.166	0.21	66	Q	-	70-130	-	35

## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306695

Report Date: 04/23/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG602121-3 QC Sample: L1306700-17 Client ID: DUP Sample						
Aluminum, Total	0.054J	0.082J	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	0.46	0.45	mg/l	2		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	0.026J	0.092	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.0211J	0.0207J	mg/l	NC		20

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306695

Report Date: 04/23/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602446-3 QC Sample: L1306694-01 Client ID: DUP Sample					
Aluminum, Total	5100	7400	mg/kg	37	Q 35
Antimony, Total	30.	73	mg/kg	83	Q 35
Arsenic, Total	7.0	8.6	mg/kg	21	35
Barium, Total	110	140	mg/kg	24	35
Beryllium, Total	0.32J	0.35J	mg/kg	NC	35
Cadmium, Total	1.8	1.9	mg/kg	5	35
Calcium, Total	24000	31000	mg/kg	25	35
Chromium, Total	38.	32	mg/kg	17	35
Cobalt, Total	5.9	6.9	mg/kg	16	35
Copper, Total	170	170	mg/kg	0	35
Iron, Total	24000	31000	mg/kg	25	35
Lead, Total	740	670	mg/kg	10	35
Magnesium, Total	2300	4400	mg/kg	63	Q 35
Manganese, Total	370	480	mg/kg	26	35
Nickel, Total	15.	20	mg/kg	29	35
Potassium, Total	850	1100	mg/kg	26	35
Selenium, Total	2.2	2.8	mg/kg	24	35
Silver, Total	0.94J	0.89J	mg/kg	NC	35
Sodium, Total	640	930	mg/kg	37	Q 35

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602446-3 QC Sample: L1306694-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	19.	22	mg/kg	15	35
Zinc, Total	660	1300	mg/kg	65 Q	35
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG602653-3 QC Sample: L1306695-01 Client ID: FIELD BLANK					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602953-3 QC Sample: L1306674-01 Client ID: DUP Sample					
Mercury, Total	0.10	0.04J	mg/kg	NC	35



# **INORGANICS & MISCELLANEOUS**

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS****Lab ID:** L1306695-02**Date Collected:** 04/16/13 09:00**Client ID:** SB-1501 (0-2')**Date Received:** 04/16/13**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	04/17/13 00:22	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306695**Project Number:** 2283.0001Y000**Report Date:** 04/23/13**SAMPLE RESULTS**

Lab ID: L1306695-03

Date Collected: 04/16/13 10:40

Client ID: SB-1701 (0-2')

Date Received: 04/16/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	04/17/13 00:22	30,2540G	RD



## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306695

**Report Date:** 04/23/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG602030-1 QC Sample: L1306630-01 Client ID: DUP Sample						
Solids, Total	89.7	90.1	%	0		20

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** 04/16/2013 23:39

#### Cooler Information Custody Seal

##### Cooler

A Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306695-01A	Vial HCl preserved	A	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1306695-01B	Vial HCl preserved	A	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1306695-01C	Vial HCl preserved	A	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1306695-01D	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1306695-01E	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1306695-01F	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1306695-01G	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1306695-01H	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8081(7)
L1306695-01I	Amber 1000ml unpreserved	A	7	2.5	Y	Absent	NYTCL-8081(7)
L1306695-01J	Plastic 500ml HNO3 preserved	A	<2	2.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306695-01K	Plastic 250ml NaOH preserved	A	>12	2.5	Y	Absent	NYTCL-8260(14)
L1306695-02A	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-02B	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-02C	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-02D	Vial MeOH preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-02E	Vial Water preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-02F	Vial Water preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-02G	Plastic 2oz unpreserved for TS	A	N/A	2.5	Y	Absent	TS(7)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306695-02H	Amber 250ml unpreserved	A	N/A	2.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306695-02I	Amber 250ml unpreserved	A	N/A	2.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306695-03A	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-03B	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-03C	5 gram Encore Sampler	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(2)
L1306695-03D	Vial MeOH preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-03E	Vial Water preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-03F	Vial Water preserved split	A	N/A	2.5	Y	Absent	NYTCL-8260HLW(14)
L1306695-03G	Plastic 2oz unpreserved for TS	A	N/A	2.5	Y	Absent	TS(7)
L1306695-03H	Amber 250ml unpreserved	A	N/A	2.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

\*Values in parentheses indicate holding time in days



Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306695

Report Date: 04/23/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306695-03I	Amber 250ml unpreserved	A	N/A	2.5	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306695-04A	Vial HCl preserved	A	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1306695-04B	Vial HCl preserved	A	N/A	2.5	Y	Absent	NYTCL-8260(14)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

**Report Format:** DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

#### **Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306695  
**Report Date:** 04/23/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; Colilert, SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:* (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commisson on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methyl naphthalenes, Total Dimethyl naphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.





## ANALYTICAL REPORT

Lab Number:	L1306802
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND-ROGERS AVE.
Project Number:	2283.0001Y000
Report Date:	04/24/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1306802-01	SB-1702 (0-2')	BROOKLYN, NY	04/17/13 09:00
L1306802-02	SB-5401 (0-2')	BROOKLYN, NY	04/17/13 10:00
L1306802-03	SB-5402 (0-2')	BROOKLYN, NY	04/17/13 10:20
L1306802-04	SB-1101 (10-12')	BROOKLYN, NY	04/17/13 11:45
L1306802-05	SB-1501 (10-12')	BROOKLYN, NY	04/17/13 12:20
L1306802-06	TRIP BLANK	BROOKLYN, NY	04/17/13 00:00

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1306802-06: The Trip Blank has a result for 2-Butanone present below the reporting limit and a hit of Acetone above the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

#### Metals

L1306802-01 through -05 have elevated detection limits for all elements, with the exception of Mercury, due to the dilutions required by the sample matrices.

The WG602508-4 MS recovery, performed on L1306802-01, is below the acceptance criteria for Lead (0%). A post digestion spike was performed with an unacceptable recovery of 75%. This has been attributed to sample matrix.

The WG602508-4 MS recoveries, performed on L1306802-01, are above the acceptance criteria for Potassium (131%) and Sodium (133%). A post digestion spike was performed with acceptable recoveries for Potassium (108%) and Sodium (114%).

The WG602508-4 MS recoveries for Aluminum (1660%), Iron (2210%) and Manganese (44%), performed on L1306802-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG602508-3 Laboratory Duplicate RPD, performed on L1306802-01, is outside the acceptance criteria for Lead (51%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 04/24/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 10:20  
 Analyst: BN  
 Percent Solids: 86%

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.18	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	0.99	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.45	1
Bromoform	ND		ug/kg	4.0	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.17	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.11	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	5.0	0.78	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.14	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.10	1
p/m-Xylene	ND		ug/kg	2.0	0.32	1
o-Xylene	ND		ug/kg	2.0	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.15	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.31	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.22	1
Acetone	ND		ug/kg	9.9	3.1	1
Carbon disulfide	ND		ug/kg	9.9	2.0	1
2-Butanone	ND		ug/kg	9.9	0.35	1
Vinyl acetate	ND		ug/kg	9.9	0.47	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.22	1
2-Hexanone	ND		ug/kg	9.9	0.19	1
Bromochloromethane	ND		ug/kg	5.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	0.99	0.20	1
sec-Butylbenzene	ND		ug/kg	0.99	0.20	1
tert-Butylbenzene	ND		ug/kg	5.0	0.56	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.78	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.42	1
Isopropylbenzene	ND		ug/kg	0.99	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.19	1
Naphthalene	ND		ug/kg	5.0	0.76	1
Acrylonitrile	ND		ug/kg	9.9	0.24	1
n-Propylbenzene	ND		ug/kg	0.99	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.78	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57	1
1,4-Dioxane	ND		ug/kg	99	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.44	1

## Tentatively Identified Compounds

Unknown	12	J	ug/kg			1
Unknown	9.4	J	ug/kg			1
Unknown	5.5	J	ug/kg			1
Unknown	5.9	J	ug/kg			1
Unknown	3.6	J	ug/kg			1
Unknown	2.4	J	ug/kg			1
Unknown	4.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 10:48  
 Analyst: BN  
 Percent Solids: 86%

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.49	1
Bromoform	ND		ug/kg	4.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.18	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.4	0.84	1
Bromomethane	ND		ug/kg	2.2	0.36	1
Vinyl chloride	ND		ug/kg	2.2	0.15	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.26	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1
p/m-Xylene	ND		ug/kg	2.2	0.35	1
o-Xylene	ND		ug/kg	2.2	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.33	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	4.9	J	ug/kg	11	3.3	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.38	1
Vinyl acetate	ND		ug/kg	11	0.52	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.24	1
2-Hexanone	ND		ug/kg	11	0.20	1
Bromochloromethane	ND		ug/kg	5.4	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.21	1
sec-Butylbenzene	ND		ug/kg	1.1	0.22	1
tert-Butylbenzene	ND		ug/kg	5.4	0.60	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.85	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.46	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	ND		ug/kg	5.4	0.83	1
Acrylonitrile	ND		ug/kg	11	0.26	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.85	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.62	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.3	0.17	1
4-Ethyltoluene	ND		ug/kg	4.3	0.13	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.48	1

**Tentatively Identified Compounds**

Unknown	15	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	6.7	J	ug/kg			1
Unknown	6.2	J	ug/kg			1
Unknown	2.2	J	ug/kg			1
Unknown	4.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

**Lab ID:** L1306802-03  
**Client ID:** SB-5402 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/21/13 11:15  
**Analyst:** BN  
**Percent Solids:** 87%

**Date Collected:** 04/17/13 10:20  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.18	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	0.99	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.45	1
Bromoform	ND		ug/kg	4.0	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.17	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.11	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.9	0.78	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.14	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.24	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.10	1
p/m-Xylene	ND		ug/kg	2.0	0.32	1
o-Xylene	ND		ug/kg	2.0	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.15	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.31	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.22	1
Acetone	ND		ug/kg	9.9	3.1	1
Carbon disulfide	ND		ug/kg	9.9	2.0	1
2-Butanone	ND		ug/kg	9.9	0.35	1
Vinyl acetate	ND		ug/kg	9.9	0.47	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.22	1
2-Hexanone	ND		ug/kg	9.9	0.19	1
Bromochloromethane	ND		ug/kg	4.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	0.99	0.20	1
sec-Butylbenzene	ND		ug/kg	0.99	0.20	1
tert-Butylbenzene	ND		ug/kg	4.9	0.56	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.78	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.42	1
Isopropylbenzene	ND		ug/kg	0.99	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.19	1
Naphthalene	ND		ug/kg	4.9	0.76	1
Acrylonitrile	ND		ug/kg	9.9	0.24	1
n-Propylbenzene	ND		ug/kg	0.99	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.78	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.57	1
1,4-Dioxane	ND		ug/kg	99	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.44	1

**Tentatively Identified Compounds**

Unknown	5.6	J	ug/kg			1
Unknown	19	J	ug/kg			1
Unknown	17	J	ug/kg			1
Unknown	10	J	ug/kg			1
Unknown	21	J	ug/kg			1
Unknown	7.0	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	10	J	ug/kg			1
Unknown	6.1	J	ug/kg			1
Unknown	5.1	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

**Lab ID:** L1306802-04  
**Client ID:** SB-1101 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/21/13 11:44  
**Analyst:** BN  
**Percent Solids:** 95%

**Date Collected:** 04/17/13 11:45  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.21	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.53	1
Bromoform	ND		ug/kg	4.7	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.8	0.92	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.28	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.38	1
o-Xylene	ND		ug/kg	2.3	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	ND		ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	ND		ug/kg	12	0.42	1
Vinyl acetate	ND		ug/kg	12	0.56	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.26	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.8	0.23	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.8	0.66	1
o-Chlorotoluene	ND		ug/kg	5.8	0.19	1
p-Chlorotoluene	ND		ug/kg	5.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	ND		ug/kg	5.8	0.90	1
Acrylonitrile	ND		ug/kg	12	0.28	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.92	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.67	1
1,4-Dioxane	ND		ug/kg	120	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.7	0.19	1
4-Ethyltoluene	ND		ug/kg	4.7	0.14	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.52	1

**Tentatively Identified Compounds**

Unknown	2.7	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	6.7	J	ug/kg			1
Unknown	13	J	ug/kg			1
Unknown	3.2	J	ug/kg			1
Unknown	8.8	J	ug/kg			1
Unknown	6.4	J	ug/kg			1
Unknown	2.8	J	ug/kg			1
Unknown	3.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

**Lab ID:** L1306802-05  
**Client ID:** SB-1501 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/21/13 12:12  
**Analyst:** BN  
**Percent Solids:** 93%

**Date Collected:** 04/17/13 12:20  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.2	0.48	1
Bromoform	ND		ug/kg	4.2	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.18	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	5.2	0.82	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.15	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.25	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1
p/m-Xylene	ND		ug/kg	2.1	0.34	1
o-Xylene	ND		ug/kg	2.1	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.16	1
Dibromomethane	ND		ug/kg	10	0.17	1
Styrene	ND		ug/kg	2.1	0.32	1
Dichlorodifluoromethane	ND		ug/kg	10	0.23	1
Acetone	4.2	J	ug/kg	10	3.2	1
Carbon disulfide	ND		ug/kg	10	2.1	1
2-Butanone	ND		ug/kg	10	0.37	1
Vinyl acetate	ND		ug/kg	10	0.50	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.24	1
2-Hexanone	ND		ug/kg	10	0.20	1
Bromochloromethane	ND		ug/kg	5.2	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.2	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Bromobenzene	ND		ug/kg	5.2	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.21	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.2	0.59	1
o-Chlorotoluene	ND		ug/kg	5.2	0.17	1
p-Chlorotoluene	ND		ug/kg	5.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.83	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.44	1
Isopropylbenzene	ND		ug/kg	1.0	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	ND		ug/kg	5.2	0.81	1
Acrylonitrile	ND		ug/kg	10	0.25	1
n-Propylbenzene	ND		ug/kg	1.0	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.83	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.60	1
1,4-Dioxane	ND		ug/kg	100	18.	1
1,4-Diethylbenzene	ND		ug/kg	4.2	0.17	1
4-Ethyltoluene	ND		ug/kg	4.2	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.14	1
Ethyl ether	ND		ug/kg	5.2	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	0.47	1

## Tentatively Identified Compounds

Unknown	3.2	J	ug/kg			1
Unknown	3.2	J	ug/kg			1
Unknown	22	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	9.1	J	ug/kg			1
Unknown	35	J	ug/kg			1
Unknown	8.2	J	ug/kg			1
Unknown	4.6	J	ug/kg			1
Unknown	3.0	J	ug/kg			1
Unknown	5.7	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-06  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/23/13 19:00  
 Analyst: PD

Date Collected: 04/17/13 00:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-06  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 00:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.0	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-06  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 00:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 09:24  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-05 Batch: WG602979-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 09:24  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-05 Batch: WG602979-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 09:24  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-05 Batch: WG602979-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

#### Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/21/13 09:24  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-05 Batch: WG602979-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/23/13 10:10  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG603704-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C  
 Analytical Date: 04/23/13 10:10  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG603704-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/23/13 10:10  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG603704-3					
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	76.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

## Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-05 Batch: WG602979-1 WG602979-2								
Methylene chloride	80		84		70-130	5		30
1,1-Dichloroethane	85		90		70-130	6		30
Chloroform	84		88		70-130	5		30
Carbon tetrachloride	82		88		70-130	7		30
1,2-Dichloropropane	86		88		70-130	2		30
Dibromochloromethane	105		109		70-130	4		30
2-Chloroethylvinyl ether	86		88			2		30
1,1,2-Trichloroethane	106		110		70-130	4		30
Tetrachloroethene	104		112		70-130	7		30
Chlorobenzene	105		110		70-130	5		30
Trichlorofluoromethane	80		90		70-139	12		30
1,2-Dichloroethane	85		88		70-130	3		30
1,1,1-Trichloroethane	82		88		70-130	7		30
Bromodichloromethane	84		87		70-130	4		30
trans-1,3-Dichloropropene	108		112		70-130	4		30
cis-1,3-Dichloropropene	87		90		70-130	3		30
1,1-Dichloropropene	82		89		70-130	8		30
Bromoform	115		117		70-130	2		30
1,1,2,2-Tetrachloroethane	116		119		70-130	3		30
Benzene	84		88		70-130	5		30
Toluene	100		106		70-130	6		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-05 Batch: WG602979-1 WG602979-2								
Ethylbenzene	105		111		70-130	6		30
Chloromethane	83		87		52-130	5		30
Bromomethane	85		92		57-147	8		30
Vinyl chloride	78		86		67-130	10		30
Chloroethane	83		88		50-151	6		30
1,1-Dichloroethene	82		90		65-135	9		30
trans-1,2-Dichloroethene	83		89		70-130	7		30
Trichloroethene	80		85		70-130	6		30
1,2-Dichlorobenzene	116		120		70-130	3		30
1,3-Dichlorobenzene	118		121		70-130	3		30
1,4-Dichlorobenzene	117		121		70-130	3		30
Methyl tert butyl ether	83		86		66-130	4		30
p/m-Xylene	106		112		70-130	6		30
o-Xylene	107		112		70-130	5		30
cis-1,2-Dichloroethene	85		89		70-130	5		30
Dibromomethane	84		86		70-130	2		30
Styrene	109		113		70-130	4		30
Dichlorodifluoromethane	84		94		30-146	11		30
Acetone	73		96		54-140	27		30
Carbon disulfide	79		86		59-130	8		30
2-Butanone	95		108		70-130	13		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-05 Batch: WG602979-1 WG602979-2								
Vinyl acetate	87		90		70-130	3		30
4-Methyl-2-pentanone	84		89		70-130	6		30
1,2,3-Trichloropropane	115		123		68-130	7		30
2-Hexanone	106		114		70-130	7		30
Bromochloromethane	86		89		70-130	3		30
2,2-Dichloropropane	81		88		70-130	8		30
1,2-Dibromoethane	105		107		70-130	2		30
1,3-Dichloropropane	106		109		69-130	3		30
1,1,1,2-Tetrachloroethane	104		107		70-130	3		30
Bromobenzene	116		120		70-130	3		30
n-Butylbenzene	116		124		70-130	7		30
sec-Butylbenzene	115		122		70-130	6		30
tert-Butylbenzene	114		121		70-130	6		30
o-Chlorotoluene	118		121		70-130	3		30
p-Chlorotoluene	116		122		70-130	5		30
1,2-Dibromo-3-chloropropane	108		110		68-130	2		30
Hexachlorobutadiene	115		121		67-130	5		30
Isopropylbenzene	115		122		70-130	6		30
p-Isopropyltoluene	117		123		70-130	5		30
Naphthalene	118		121		70-130	3		30
Acrylonitrile	82		87		70-130	6		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-05 Batch: WG602979-1 WG602979-2								
Isopropyl Ether	86		89		66-130	3		30
tert-Butyl Alcohol	86		90		70-130	5		30
n-Propylbenzene	115		122		70-130	6		30
1,2,3-Trichlorobenzene	119		121		70-130	2		30
1,2,4-Trichlorobenzene	118		121		70-130	3		30
1,3,5-Trimethylbenzene	117		123		70-130	5		30
1,2,4-Trimethylbenzene	117		123		70-130	5		30
Methyl Acetate	87		90		51-146	3		30
Ethyl Acetate	85		89		70-130	5		30
Acrolein	62	Q	65	Q	70-130	5		30
Cyclohexane	82		92		59-142	11		30
1,4-Dioxane	88		90		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		89		50-139	9		30
1,4-Diethylbenzene	115		122		70-130	6		30
4-Ethyltoluene	114		121		70-130	6		30
1,2,4,5-Tetramethylbenzene	118		122		70-130	3		30
Tetrahydrofuran	80		84		66-130	5		30
Ethyl ether	82		85		67-130	4		30
trans-1,4-Dichloro-2-butene	115		118		70-130	3		30
Methyl cyclohexane	81		90		70-130	11		30
Ethyl-Tert-Butyl-Ether	87		88		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-05 Batch: WG602979-1 WG602979-2								
Tertiary-Amyl Methyl Ether	85		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	117		118		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	97		97		70-130

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG603704-1 WG603704-2								
Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	85		86		70-130	1		20
1,1-Dichloroethane	88		91		70-130	3		20
Chloroform	92		94		70-130	2		20
Carbon tetrachloride	90		94		63-132	4		20
1,2-Dichloropropane	86		88		70-130	2		20
Dibromochloromethane	96		98		63-130	2		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	101		104		70-130	3		20
Chlorobenzene	98		100		75-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG603704-1 WG603704-2								
Trichlorofluoromethane	92		96		62-150	4		20
1,2-Dichloroethane	92		92		70-130	0		20
1,1,1-Trichloroethane	90		93		67-130	3		20
Bromodichloromethane	90		89		67-130	1		20
trans-1,3-Dichloropropene	93		93		70-130	0		20
cis-1,3-Dichloropropene	87		87		70-130	0		20
1,1-Dichloropropene	87		90		70-130	3		20
Bromoform	93		90		54-136	3		20
1,1,1,2-Tetrachloroethane	103		101		67-130	2		20
Benzene	88		89		70-130	1		20
Toluene	98		100		70-130	2		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	94		94		64-130	0		20
Bromomethane	54		59		39-139	9		20
Vinyl chloride	84		86		55-140	2		20
Chloroethane	107		102		55-138	5		20
1,1-Dichloroethene	88		89		61-145	1		20
trans-1,2-Dichloroethene	87		90		70-130	3		20
Trichloroethene	88		90		70-130	2		20
1,2-Dichlorobenzene	99		102		70-130	3		20
1,3-Dichlorobenzene	102		103		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG603704-1 WG603704-2								
1,4-Dichlorobenzene	101		104		70-130	3		20
Methyl tert butyl ether	84		83		63-130	1		20
p/m-Xylene	100		101		70-130	1		20
o-Xylene	99		102		70-130	3		20
cis-1,2-Dichloroethene	88		91		70-130	3		20
Dibromomethane	91		92		70-130	1		20
1,2,3-Trichloropropane	104		104		64-130	0		20
Acrylonitrile	84		86		70-130	2		20
Styrene	100		102		70-130	2		20
Dichlorodifluoromethane	75		77		36-147	3		20
Acetone	89		102		58-148	14		20
Carbon disulfide	82		84		51-130	2		20
2-Butanone	86		88		63-138	2		20
Vinyl acetate	84		83		70-130	1		20
4-Methyl-2-pentanone	82		84		59-130	2		20
2-Hexanone	84		92		57-130	9		20
Bromochloromethane	93		92		70-130	1		20
2,2-Dichloropropane	91		92		63-133	1		20
1,2-Dibromoethane	97		97		70-130	0		20
1,3-Dichloropropane	98		98		70-130	0		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG603704-1 WG603704-2								
Bromobenzene	102		104		70-130	2		20
n-Butylbenzene	104		103		53-136	1		20
sec-Butylbenzene	102		104		70-130	2		20
tert-Butylbenzene	101		103		70-130	2		20
o-Chlorotoluene	80		105		70-130	27	Q	20
p-Chlorotoluene	101		103		70-130	2		20
1,2-Dibromo-3-chloropropane	97		98		41-144	1		20
Hexachlorobutadiene	102		104		63-130	2		20
Isopropylbenzene	101		104		70-130	3		20
p-Isopropyltoluene	101		103		70-130	2		20
Naphthalene	89		89		70-130	0		20
n-Propylbenzene	102		104		69-130	2		20
1,2,3-Trichlorobenzene	96		98		70-130	2		20
1,2,4-Trichlorobenzene	97		99		70-130	2		20
1,3,5-Trimethylbenzene	104		105		64-130	1		20
1,2,4-Trimethylbenzene	103		104		70-130	1		20
1,4-Dioxane	81		82		56-162	1		20
1,4-Diethylbenzene	101		101		70-130	0		20
4-Ethyltoluene	101		103		70-130	2		20
1,2,4,5-Tetramethylbenzene	98		100		70-130	2		20
Ethyl ether	85		86		59-134	1		20

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG603704-1 WG603704-2								
trans-1,4-Dichloro-2-butene	70		75		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	100		100		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 18:24  
 Analyst: RC  
 Percent Solids: 86%

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	136		0-136
4-Terphenyl-d14	100		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 11:55  
 Analyst: RC  
 Percent Solids: 86%

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	240		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	160	J	ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	140		ug/kg	110	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Benzo(a)pyrene	130	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	190		ug/kg	110	38.	1
Benzo(k)fluoranthene	60	J	ug/kg	110	36.	1
Chrysene	140		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	86	J	ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	93	J	ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	90	J	ug/kg	150	42.	1
Pyrene	230		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/kg			1
-------------------------------------	----	--	-------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	98		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 13:16  
 Analyst: RC  
 Percent Solids: 87%

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	93	J	ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	1900		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	98	J	ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	810		ug/kg	110	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Benzo(a)pyrene	740		ug/kg	150	46.	1
Benzo(b)fluoranthene	940		ug/kg	110	38.	1
Benzo(k)fluoranthene	350		ug/kg	110	36.	1
Chrysene	850		ug/kg	110	37.	1
Acenaphthylene	65	J	ug/kg	150	36.	1
Anthracene	340		ug/kg	110	32.	1
Benzo(ghi)perylene	450		ug/kg	150	40.	1
Fluorene	96	J	ug/kg	190	54.	1
Phenanthrene	1400		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	490		ug/kg	150	42.	1
Pyrene	1800		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	78	J	ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	160	J	ug/kg	190	41.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown PAH	210	J	ug/kg			1
Unknown PAH	270	J	ug/kg			1
Unknown PAH	360	J	ug/kg			1
Unknown PAH	190	J	ug/kg			1
Unknown Naphthalene	330	J	ug/kg			1
Unknown	210	J	ug/kg			1
Unknown PAH	330	J	ug/kg			1
Unknown PAH	180	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	105		0-136
4-Terphenyl-d14	105		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 13:43  
 Analyst: RC  
 Percent Solids: 95%

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	150	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

Unknown	220	J	ug/kg			1
---------	-----	---	-------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	118		0-136
4-Terphenyl-d14	116		18-120

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 14:10  
 Analyst: RC  
 Percent Solids: 93%

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	50.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	34	J	ug/kg	110	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	54.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	53.	1
Bis(2-Ethylhexyl)phthalate	110	J	ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1
Benzo(a)anthracene	ND		ug/kg	110	35.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	ND		ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	39	J	ug/kg	110	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	41	J	ug/kg	110	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	47.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	53.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	57.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	65.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	108		0-136
4-Terphenyl-d14	102		18-120

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 09:13  
 Analyst: RC

Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG602434-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/19/13 09:13  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 04/18/13 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG602434-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/19/13 09:13  
 Analyst: RC

Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG602434-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	127	Q	25-120
Phenol-d6	127	Q	10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	116		30-120
2,4,6-Tribromophenol	132		0-136
4-Terphenyl-d14	144	Q	18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG602434-2 WG602434-3								
Acenaphthene	94		97		31-137	3		50
1,2,4-Trichlorobenzene	81		92		38-107	13		50
Hexachlorobenzene	99		101		40-140	2		50
Bis(2-chloroethyl)ether	79		87		40-140	10		50
2-Chloronaphthalene	85		100		40-140	16		50
1,2-Dichlorobenzene	78		87		40-140	11		50
1,3-Dichlorobenzene	78		87		40-140	11		50
1,4-Dichlorobenzene	77		86		28-104	11		50
3,3'-Dichlorobenzidine	56		64		40-140	13		50
2,4-Dinitrotoluene	98	Q	99	Q	28-89	1		50
2,6-Dinitrotoluene	104		118		40-140	13		50
Fluoranthene	108		107		40-140	1		50
4-Chlorophenyl phenyl ether	101		99		40-140	2		50
4-Bromophenyl phenyl ether	104		108		40-140	4		50
Bis(2-chloroisopropyl)ether	81		96		40-140	17		50
Bis(2-chloroethoxy)methane	80		95		40-117	17		50
Hexachlorobutadiene	83		96		40-140	15		50
Hexachlorocyclopentadiene	91		104		40-140	13		50
Hexachloroethane	80		86		40-140	7		50
Isophorone	85		101		40-140	17		50
Naphthalene	83		93		40-140	11		50

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG602434-2 WG602434-3								
Nitrobenzene	82		93		40-140	13		50
NitrosoDiPhenylAmine(NDPA)/DPA	104		108			4		50
n-Nitrosodi-n-propylamine	84		100		32-121	17		50
Bis(2-Ethylhexyl)phthalate	118		123		40-140	4		50
Butyl benzyl phthalate	117		121		40-140	3		50
Di-n-butylphthalate	111		113		40-140	2		50
Di-n-octylphthalate	120		122		40-140	2		50
Diethyl phthalate	104		107		40-140	3		50
Dimethyl phthalate	100		106		40-140	6		50
Benzo(a)anthracene	106		108		40-140	2		50
Benzo(a)pyrene	105		109		40-140	4		50
Benzo(b)fluoranthene	100		106		40-140	6		50
Benzo(k)fluoranthene	101		106		40-140	5		50
Chrysene	104		102		40-140	2		50
Acenaphthylene	92		103		40-140	11		50
Anthracene	108		110		40-140	2		50
Benzo(ghi)perylene	95		101		40-140	6		50
Fluorene	99		101		40-140	2		50
Phenanthrene	98		101		40-140	3		50
Dibenzo(a,h)anthracene	101		106		40-140	5		50
Indeno(1,2,3-cd)Pyrene	98		106		40-140	8		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG602434-2 WG602434-3								
Pyrene	104		107		35-142	3		50
Biphenyl	92		95			3		50
4-Chloroaniline	32	Q	39	Q	40-140	20		50
2-Nitroaniline	105		122		47-134	15		50
3-Nitroaniline	55		63		26-129	14		50
4-Nitroaniline	108		115		41-125	6		50
Dibenzofuran	95		95		40-140	0		50
2-Methylnaphthalene	84		97		40-140	14		50
1,2,4,5-Tetrachlorobenzene	86		92		40-117	7		50
Acetophenone	83		99		14-144	18		50
2,4,6-Trichlorophenol	99		111		30-130	11		50
P-Chloro-M-Cresol	105	Q	112	Q	26-103	6		50
2-Chlorophenol	89		103	Q	25-102	15		50
2,4-Dichlorophenol	95		110		30-130	15		50
2,4-Dimethylphenol	93		112		30-130	19		50
2-Nitrophenol	90		105		30-130	15		50
4-Nitrophenol	113		117	Q	11-114	3		50
2,4-Dinitrophenol	59		76		4-130	25		50
4,6-Dinitro-o-cresol	107		117		10-130	9		50
Pentachlorophenol	107		114	Q	17-109	6		50
Phenol	82		99	Q	26-90	19		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG602434-2 WG602434-3								
2-Methylphenol	88		106		30-130.	19		50
3-Methylphenol/4-Methylphenol	90		108		30-130	18		50
2,4,5-Trichlorophenol	102		111		30-130	8		50
Benzoic Acid	20		32			46		50
Benzyl Alcohol	85		98		40-140	14		50
Carbazole	104		107		54-128	3		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	105		110		25-120
Phenol-d6	103		113		10-120
Nitrobenzene-d5	95		103		23-120
2-Fluorobiphenyl	100		106		30-120
2,4,6-Tribromophenol	124		116		0-136
4-Terphenyl-d14	121	Q	114		18-120

# PCBS

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

**Lab ID:** L1306802-01  
**Client ID:** SB-1702 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/19/13 11:03  
**Analyst:** KB  
**Percent Solids:** 86%

**Date Collected:** 04/17/13 09:00  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/18/13 08:40  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/18/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	38.3	7.57	1
Aroclor 1221	ND		ug/kg	38.3	11.6	1
Aroclor 1232	ND		ug/kg	38.3	8.14	1
Aroclor 1242	ND		ug/kg	38.3	7.27	1
Aroclor 1248	ND		ug/kg	38.3	4.64	1
Aroclor 1254	ND		ug/kg	38.3	6.04	1
Aroclor 1260	ND		ug/kg	38.3	6.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	84		30-150
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	71		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/23/13 21:21  
 Analyst: KB  
 Percent Solids: 86%

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/23/13 10:42  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/23/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/23/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.8	7.46	1
Aroclor 1221	ND		ug/kg	37.8	11.4	1
Aroclor 1232	ND		ug/kg	37.8	8.03	1
Aroclor 1242	ND		ug/kg	37.8	7.17	1
Aroclor 1248	ND		ug/kg	37.8	4.57	1
Aroclor 1254	ND		ug/kg	37.8	5.96	1
Aroclor 1260	ND		ug/kg	37.8	6.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	79		30-150
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	82		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/19/13 11:29  
 Analyst: KB  
 Percent Solids: 87%

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 08:40  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/18/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.4	7.39	1
Aroclor 1221	ND		ug/kg	37.4	11.3	1
Aroclor 1232	ND		ug/kg	37.4	7.94	1
Aroclor 1242	ND		ug/kg	37.4	7.10	1
Aroclor 1248	ND		ug/kg	37.4	4.52	1
Aroclor 1254	ND		ug/kg	37.4	5.90	1
Aroclor 1260	ND		ug/kg	37.4	6.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	66		30-150
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	59		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/19/13 11:42  
 Analyst: KB  
 Percent Solids: 95%

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 08:40  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/18/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.6	6.84	1
Aroclor 1221	ND		ug/kg	34.6	10.4	1
Aroclor 1232	ND		ug/kg	34.6	7.35	1
Aroclor 1242	ND		ug/kg	34.6	6.57	1
Aroclor 1248	ND		ug/kg	34.6	4.19	1
Aroclor 1254	ND		ug/kg	34.6	5.46	1
Aroclor 1260	ND		ug/kg	34.6	6.01	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	106		30-150
Decachlorobiphenyl	98		30-150
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	89		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

**Lab ID:** L1306802-05  
**Client ID:** SB-1501 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/19/13 11:55  
**Analyst:** KB  
**Percent Solids:** 93%

**Date Collected:** 04/17/13 12:20  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/18/13 08:40  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/18/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.2	6.76	1
Aroclor 1221	ND		ug/kg	34.2	10.3	1
Aroclor 1232	ND		ug/kg	34.2	7.27	1
Aroclor 1242	ND		ug/kg	34.2	6.49	1
Aroclor 1248	ND		ug/kg	34.2	4.14	1
Aroclor 1254	ND		ug/kg	34.2	5.39	1
Aroclor 1260	ND		ug/kg	34.2	5.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	66		30-150
Decachlorobiphenyl	62		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/19/13 09:51  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 08:40  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/18/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG602359-1					
Aroclor 1016	ND		ug/kg	32.8	6.48
Aroclor 1221	ND		ug/kg	32.8	9.89
Aroclor 1232	ND		ug/kg	32.8	6.96
Aroclor 1242	ND		ug/kg	32.8	6.22
Aroclor 1248	ND		ug/kg	32.8	3.97
Aroclor 1254	ND		ug/kg	32.8	5.17
Aroclor 1260	ND		ug/kg	32.8	5.69

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	98		30-150
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	81		30-150

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/23/13 22:53  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 04/23/13 10:42  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/23/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/23/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG603333-1					
Aroclor 1016	ND		ug/kg	32.4	6.40
Aroclor 1221	ND		ug/kg	32.4	9.77
Aroclor 1232	ND		ug/kg	32.4	6.88
Aroclor 1242	ND		ug/kg	32.4	6.15
Aroclor 1248	ND		ug/kg	32.4	3.92
Aroclor 1254	ND		ug/kg	32.4	5.11
Aroclor 1260	ND		ug/kg	32.4	5.62

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	103		30-150
Decachlorobiphenyl	113		30-150
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	105		30-150



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG602359-2 WG602359-3								
Aroclor 1016	96		86		40-140	11		50
Aroclor 1260	101		94		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	103		94		30-150
Decachlorobiphenyl	113		106		30-150
2,4,5,6-Tetrachloro-m-xylene	89		81		30-150
Decachlorobiphenyl	93		88		30-150

Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG603333-2 WG603333-3								
Aroclor 1016	89		99		40-140	11		50
Aroclor 1260	89		104		40-140	16		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	97		109		30-150
Decachlorobiphenyl	105		127		30-150
2,4,5,6-Tetrachloro-m-xylene	84		94		30-150
Decachlorobiphenyl	96		116		30-150

# PESTICIDES

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 03:25  
 Analyst: BW  
 Percent Solids: 86%

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:10  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.79	0.350	1
Lindane	ND		ug/kg	0.745	0.333	1
Alpha-BHC	ND		ug/kg	0.745	0.212	1
Beta-BHC	ND		ug/kg	1.79	0.678	1
Heptachlor	ND		ug/kg	0.894	0.401	1
Aldrin	ND		ug/kg	1.79	0.630	1
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1
Endrin	ND		ug/kg	0.745	0.305	1
Endrin ketone	ND		ug/kg	1.79	0.460	1
Dieldrin	ND		ug/kg	1.12	0.559	1
4,4'-DDE	ND		ug/kg	1.79	0.413	1
4,4'-DDD	ND		ug/kg	1.79	0.638	1
4,4'-DDT	ND		ug/kg	3.35	1.44	1
Endosulfan I	ND		ug/kg	1.79	0.422	1
Endosulfan II	ND		ug/kg	1.79	0.598	1
Endosulfan sulfate	ND		ug/kg	0.745	0.340	1
Methoxychlor	ND		ug/kg	3.35	1.04	1
Toxaphene	ND		ug/kg	33.5	9.39	1
cis-Chlordane	ND		ug/kg	2.24	0.623	1
trans-Chlordane	ND		ug/kg	2.24	0.590	1
Chlordane	ND		ug/kg	14.5	5.92	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 03:38  
 Analyst: BW  
 Percent Solids: 86%

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:10  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.77	0.347	1
Lindane	ND		ug/kg	0.738	0.330	1
Alpha-BHC	ND		ug/kg	0.738	0.210	1
Beta-BHC	ND		ug/kg	1.77	0.671	1
Heptachlor	ND		ug/kg	0.885	0.397	1
Aldrin	ND		ug/kg	1.77	0.623	1
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1
Endrin	ND		ug/kg	0.738	0.302	1
Endrin ketone	ND		ug/kg	1.77	0.456	1
Dieldrin	ND		ug/kg	1.11	0.553	1
4,4'-DDE	ND		ug/kg	1.77	0.409	1
4,4'-DDD	ND		ug/kg	1.77	0.632	1
4,4'-DDT	ND		ug/kg	3.32	1.42	1
Endosulfan I	ND		ug/kg	1.77	0.418	1
Endosulfan II	ND		ug/kg	1.77	0.592	1
Endosulfan sulfate	ND		ug/kg	0.738	0.337	1
Methoxychlor	ND		ug/kg	3.32	1.03	1
Toxaphene	ND		ug/kg	33.2	9.30	1
cis-Chlordane	ND		ug/kg	2.21	0.617	1
trans-Chlordane	ND		ug/kg	2.21	0.584	1
Chlordane	ND		ug/kg	14.4	5.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	95		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 03:50  
 Analyst: BW  
 Percent Solids: 87%

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:10  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.75	0.343	1
Lindane	ND		ug/kg	0.729	0.326	1
Alpha-BHC	ND		ug/kg	0.729	0.207	1
Beta-BHC	ND		ug/kg	1.75	0.663	1
Heptachlor	ND		ug/kg	0.875	0.392	1
Aldrin	ND		ug/kg	1.75	0.616	1
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1
Endrin	ND		ug/kg	0.729	0.299	1
Endrin ketone	ND		ug/kg	1.75	0.450	1
Dieldrin	ND		ug/kg	1.09	0.547	1
4,4'-DDE	ND		ug/kg	1.75	0.404	1
4,4'-DDD	ND		ug/kg	1.75	0.624	1
4,4'-DDT	ND		ug/kg	3.28	1.41	1
Endosulfan I	ND		ug/kg	1.75	0.413	1
Endosulfan II	ND		ug/kg	1.75	0.585	1
Endosulfan sulfate	ND		ug/kg	0.729	0.333	1
Methoxychlor	ND		ug/kg	3.28	1.02	1
Toxaphene	ND		ug/kg	32.8	9.18	1
cis-Chlordane	ND		ug/kg	2.19	0.609	1
trans-Chlordane	ND		ug/kg	2.19	0.577	1
Chlordane	ND		ug/kg	14.2	5.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	78		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 04:03  
 Analyst: BW  
 Percent Solids: 95%

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:10  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.64	0.321	1
Lindane	ND		ug/kg	0.683	0.305	1
Alpha-BHC	ND		ug/kg	0.683	0.194	1
Beta-BHC	ND		ug/kg	1.64	0.622	1
Heptachlor	ND		ug/kg	0.820	0.368	1
Aldrin	ND		ug/kg	1.64	0.577	1
Heptachlor epoxide	ND		ug/kg	3.08	0.922	1
Endrin	ND		ug/kg	0.683	0.280	1
Endrin ketone	ND		ug/kg	1.64	0.422	1
Dieldrin	ND		ug/kg	1.02	0.512	1
4,4'-DDE	ND		ug/kg	1.64	0.379	1
4,4'-DDD	ND		ug/kg	1.64	0.585	1
4,4'-DDT	ND		ug/kg	3.08	1.32	1
Endosulfan I	ND		ug/kg	1.64	0.387	1
Endosulfan II	ND		ug/kg	1.64	0.548	1
Endosulfan sulfate	ND		ug/kg	0.683	0.312	1
Methoxychlor	ND		ug/kg	3.08	0.957	1
Toxaphene	ND		ug/kg	30.8	8.61	1
cis-Chlordane	ND		ug/kg	2.05	0.571	1
trans-Chlordane	ND		ug/kg	2.05	0.541	1
Chlordane	ND		ug/kg	13.3	5.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	91		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/19/13 04:16  
 Analyst: BW  
 Percent Solids: 93%

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/18/13 11:10  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.65	0.324	1
Lindane	ND		ug/kg	0.689	0.308	1
Alpha-BHC	ND		ug/kg	0.689	0.196	1
Beta-BHC	ND		ug/kg	1.65	0.627	1
Heptachlor	ND		ug/kg	0.827	0.371	1
Aldrin	ND		ug/kg	1.65	0.582	1
Heptachlor epoxide	ND		ug/kg	3.10	0.930	1
Endrin	ND		ug/kg	0.689	0.282	1
Endrin ketone	ND		ug/kg	1.65	0.426	1
Dieldrin	ND		ug/kg	1.03	0.517	1
4,4'-DDE	ND		ug/kg	1.65	0.382	1
4,4'-DDD	ND		ug/kg	1.65	0.590	1
4,4'-DDT	ND		ug/kg	3.10	1.33	1
Endosulfan I	ND		ug/kg	1.65	0.391	1
Endosulfan II	ND		ug/kg	1.65	0.552	1
Endosulfan sulfate	ND		ug/kg	0.689	0.315	1
Methoxychlor	ND		ug/kg	3.10	0.964	1
Toxaphene	ND		ug/kg	31.0	8.68	1
cis-Chlordane	ND		ug/kg	2.07	0.576	1
trans-Chlordane	ND		ug/kg	2.07	0.546	1
Chlordane	ND		ug/kg	13.4	5.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: THE DOE FUND-ROGERS AVE.

Lab Number: L1306802

Project Number: 2283.0001Y000

Report Date: 04/24/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/19/13 02:21  
Analyst: BW

Extraction Method: EPA 3546  
Extraction Date: 04/18/13 11:10  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/18/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG602438-1					
Delta-BHC	ND		ug/kg	1.56	0.306
Lindane	ND		ug/kg	0.652	0.292
Alpha-BHC	ND		ug/kg	0.652	0.185
Beta-BHC	ND		ug/kg	1.56	0.594
Heptachlor	ND		ug/kg	0.783	0.351
Aldrin	ND		ug/kg	1.56	0.551
Heptachlor epoxide	ND		ug/kg	2.94	0.881
Endrin	ND		ug/kg	0.652	0.267
Endrin ketone	ND		ug/kg	1.56	0.403
Dieldrin	ND		ug/kg	0.978	0.489
4,4'-DDE	ND		ug/kg	1.56	0.362
4,4'-DDD	ND		ug/kg	1.56	0.558
4,4'-DDT	ND		ug/kg	2.94	1.26
Endosulfan I	ND		ug/kg	1.56	0.370
Endosulfan II	ND		ug/kg	1.56	0.523
Endosulfan sulfate	ND		ug/kg	0.652	0.298
Methoxychlor	ND		ug/kg	2.94	0.913
Toxaphene	ND		ug/kg	29.4	8.22
cis-Chlordane	ND		ug/kg	1.96	0.545
trans-Chlordane	ND		ug/kg	1.96	0.517
Chlordane	ND		ug/kg	12.7	5.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	115		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG602438-2 WG602438-3								
Delta-BHC	71		56		30-150	24		30
Lindane	73		58		30-150	23		30
Alpha-BHC	72		58		30-150	22		30
Beta-BHC	75		58		30-150	26		30
Heptachlor	81		65		30-150	22		30
Aldrin	83		67		30-150	21		30
Heptachlor epoxide	95		77		30-150	21		30
Endrin	104		86		30-150	19		30
Endrin ketone	74		60		30-150	21		30
Dieldrin	90		74		30-150	20		30
4,4'-DDE	81		67		30-150	19		30
4,4'-DDD	87		71		30-150	20		30
4,4'-DDT	91		75		30-150	19		30
Endosulfan I	88		72		30-150	20		30
Endosulfan II	82		67		30-150	20		30
Endosulfan sulfate	71		57		30-150	22		30
Methoxychlor	83		69		30-150	18		30
cis-Chlordane	81		66		30-150	20		30
trans-Chlordane	80		66		30-150	19		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG602438-2 WG602438-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		64		30-150	A
Decachlorobiphenyl	89		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		47		30-150	B
Decachlorobiphenyl	117		84		30-150	B

## METALS

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

Lab ID: L1306802-01  
 Client ID: SB-1702 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 86%

Date Collected: 04/17/13 09:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	14000		mg/kg	9.2	1.8	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Antimony, Total	1.5	J	mg/kg	4.6	0.92	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Arsenic, Total	5.7		mg/kg	0.92	0.28	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Barium, Total	66		mg/kg	0.92	0.28	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Beryllium, Total	0.43	J	mg/kg	0.46	0.04	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.92	0.06	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Calcium, Total	2400		mg/kg	9.2	1.8	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Chromium, Total	17		mg/kg	0.92	0.18	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Cobalt, Total	5.7		mg/kg	1.8	0.46	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Copper, Total	14		mg/kg	0.92	0.46	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Iron, Total	17000		mg/kg	4.6	1.8	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Lead, Total	140		mg/kg	4.6	0.28	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Magnesium, Total	1800		mg/kg	9.2	3.7	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Manganese, Total	360		mg/kg	0.92	0.18	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Mercury, Total	0.10		mg/kg	0.08	0.02	1	04/23/13 08:25	04/23/13 11:28	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.3	0.37	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Potassium, Total	620		mg/kg	230	73.	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Selenium, Total	0.71	J	mg/kg	1.8	0.28	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.92	0.18	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Sodium, Total	97	J	mg/kg	180	73.	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.55	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Vanadium, Total	25		mg/kg	0.92	0.18	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG
Zinc, Total	35		mg/kg	4.6	0.46	2	04/18/13 15:04	04/19/13 10:45	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

Lab ID: L1306802-02  
 Client ID: SB-5401 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 86%

Date Collected: 04/17/13 10:00  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	12000		mg/kg	9.0	1.8	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Antimony, Total	2.2	J	mg/kg	4.5	0.90	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Arsenic, Total	6.5		mg/kg	0.90	0.27	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Barium, Total	87		mg/kg	0.90	0.27	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Beryllium, Total	0.45		mg/kg	0.45	0.04	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Cadmium, Total	0.18	J	mg/kg	0.90	0.05	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Calcium, Total	12000		mg/kg	9.0	1.8	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Chromium, Total	17		mg/kg	0.90	0.18	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Cobalt, Total	6.2		mg/kg	1.8	0.45	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Copper, Total	28		mg/kg	0.90	0.45	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Iron, Total	16000		mg/kg	4.5	1.8	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Lead, Total	100		mg/kg	4.5	0.27	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Magnesium, Total	2600		mg/kg	9.0	3.6	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Manganese, Total	330		mg/kg	0.90	0.18	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Mercury, Total	0.17		mg/kg	0.09	0.02	1	04/23/13 08:25	04/23/13 11:29	EPA 7471B	1,7471B	MC
Nickel, Total	20		mg/kg	2.2	0.36	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Potassium, Total	1000		mg/kg	220	72.	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Selenium, Total	0.59	J	mg/kg	1.8	0.27	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.90	0.18	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Sodium, Total	170	J	mg/kg	180	72.	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.54	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Vanadium, Total	25		mg/kg	0.90	0.18	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG
Zinc, Total	130		mg/kg	4.5	0.45	2	04/18/13 15:04	04/19/13 10:56	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

Lab ID: L1306802-03  
 Client ID: SB-5402 (0-2')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 87%

Date Collected: 04/17/13 10:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	13000		mg/kg	8.8	1.8	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Antimony, Total	2.0	J	mg/kg	4.4	0.88	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Arsenic, Total	6.1		mg/kg	0.88	0.26	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Barium, Total	320		mg/kg	0.88	0.26	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Beryllium, Total	0.48		mg/kg	0.44	0.04	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.88	0.05	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Calcium, Total	4300		mg/kg	8.8	1.8	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Chromium, Total	20		mg/kg	0.88	0.18	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Cobalt, Total	7.4		mg/kg	1.8	0.44	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Copper, Total	280		mg/kg	0.88	0.44	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Iron, Total	18000		mg/kg	4.4	1.8	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Lead, Total	3200		mg/kg	4.4	0.26	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Magnesium, Total	2700		mg/kg	8.8	3.5	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Manganese, Total	330		mg/kg	0.88	0.18	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Mercury, Total	0.17		mg/kg	0.08	0.02	1	04/23/13 08:25	04/23/13 11:35	EPA 7471B	1,7471B	MC
Nickel, Total	160		mg/kg	2.2	0.35	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Potassium, Total	840		mg/kg	220	70.	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Selenium, Total	0.83	J	mg/kg	1.8	0.26	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Sodium, Total	200		mg/kg	180	70.	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.53	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Vanadium, Total	31		mg/kg	0.88	0.18	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG
Zinc, Total	210		mg/kg	4.4	0.44	2	04/18/13 15:04	04/19/13 11:36	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

Lab ID: L1306802-04  
 Client ID: SB-1101 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 95%

Date Collected: 04/17/13 11:45  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4600		mg/kg	7.9	1.6	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	3.9	0.79	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Arsenic, Total	1.1		mg/kg	0.79	0.24	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Barium, Total	28		mg/kg	0.79	0.24	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Beryllium, Total	0.22	J	mg/kg	0.39	0.03	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.79	0.05	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Calcium, Total	600		mg/kg	7.9	1.6	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Chromium, Total	12		mg/kg	0.79	0.16	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Cobalt, Total	4.0		mg/kg	1.6	0.39	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Copper, Total	10		mg/kg	0.79	0.39	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Iron, Total	10000		mg/kg	3.9	1.6	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Lead, Total	17		mg/kg	3.9	0.24	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Magnesium, Total	1600		mg/kg	7.9	3.2	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Manganese, Total	250		mg/kg	0.79	0.16	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	04/23/13 08:25	04/23/13 11:36	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.0	0.32	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Potassium, Total	430		mg/kg	200	63.	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Selenium, Total	0.37	J	mg/kg	1.6	0.24	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.79	0.16	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Sodium, Total	95	J	mg/kg	160	63.	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.6	0.47	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	0.79	0.16	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG
Zinc, Total	22		mg/kg	3.9	0.39	2	04/18/13 15:04	04/19/13 11:39	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

Lab ID: L1306802-05  
 Client ID: SB-1501 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 93%

Date Collected: 04/17/13 12:20  
 Date Received: 04/17/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4600		mg/kg	8.3	1.6	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.1	0.83	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Arsenic, Total	1.4		mg/kg	0.83	0.25	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Barium, Total	22		mg/kg	0.83	0.25	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Beryllium, Total	0.22	J	mg/kg	0.41	0.03	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.83	0.05	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Calcium, Total	540		mg/kg	8.3	1.6	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.83	0.16	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Cobalt, Total	4.0		mg/kg	1.6	0.41	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Copper, Total	9.4		mg/kg	0.83	0.41	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Iron, Total	10000		mg/kg	4.1	1.6	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Lead, Total	5.6		mg/kg	4.1	0.25	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Magnesium, Total	1700		mg/kg	8.3	3.3	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Manganese, Total	240		mg/kg	0.83	0.16	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.01	1	04/23/13 08:25	04/23/13 11:38	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	2.1	0.33	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Potassium, Total	590		mg/kg	210	66.	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Selenium, Total	0.32	J	mg/kg	1.6	0.25	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.83	0.16	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Sodium, Total	ND		mg/kg	160	66.	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.6	0.50	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	0.83	0.16	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG
Zinc, Total	20		mg/kg	4.1	0.41	2	04/18/13 15:04	04/19/13 11:41	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG602508-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Antimony, Total	ND	mg/kg	2.0	0.40	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Arsenic, Total	ND	mg/kg	0.40	0.12	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Barium, Total	ND	mg/kg	0.40	0.12	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Beryllium, Total	ND	mg/kg	0.20	0.02	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Cadmium, Total	ND	mg/kg	0.40	0.02	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Calcium, Total	ND	mg/kg	4.0	0.80	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Chromium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Cobalt, Total	ND	mg/kg	0.80	0.20	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Copper, Total	ND	mg/kg	0.40	0.20	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Iron, Total	ND	mg/kg	2.0	0.80	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Lead, Total	ND	mg/kg	2.0	0.12	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Magnesium, Total	ND	mg/kg	4.0	1.6	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Manganese, Total	ND	mg/kg	0.40	0.08	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Nickel, Total	ND	mg/kg	1.0	0.16	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Potassium, Total	ND	mg/kg	100	32.	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Selenium, Total	ND	mg/kg	0.80	0.12	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Silver, Total	ND	mg/kg	0.40	0.08	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Sodium, Total	ND	mg/kg	80	32.	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Thallium, Total	ND	mg/kg	0.80	0.24	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Vanadium, Total	ND	mg/kg	0.40	0.08	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG
Zinc, Total	ND	mg/kg	2.0	0.20	1	04/18/13 15:04	04/19/13 10:33	1,6010C	MG

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG603102-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	04/23/13 08:25	04/23/13 11:13	1,7471B	MC

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

## Method Blank Analysis Batch Quality Control

### Prep Information

---

Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306802

**Report Date:** 04/24/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG602508-2 SRM Lot Number: 0518-10-02								
Aluminum, Total	111		-		29-171	-		
Antimony, Total	132		-		4-196	-		
Arsenic, Total	109		-		81-119	-		
Barium, Total	117		-		83-118	-		
Beryllium, Total	116		-		83-117	-		
Cadmium, Total	106		-		82-117	-		
Calcium, Total	90		-		83-117	-		
Chromium, Total	115		-		80-119	-		
Cobalt, Total	99		-		83-117	-		
Copper, Total	101		-		83-117	-		
Iron, Total	101		-		51-150	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	106		-		74-126	-		
Manganese, Total	105		-		83-117	-		
Nickel, Total	114		-		82-117	-		
Potassium, Total	99		-		74-126	-		
Selenium, Total	113		-		80-120	-		
Silver, Total	108		-		66-134	-		
Sodium, Total	120		-		74-127	-		
Thallium, Total	106		-		79-120	-		
Vanadium, Total	106		-		79-121	-		



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306802

**Report Date:** 04/24/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG602508-2 SRM Lot Number: 0518-10-02					
Zinc, Total	97	-	82-119	-	
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG603102-2 SRM Lot Number: 0518-10-02					
Mercury, Total	102	-	67-133	-	

## Matrix Spike Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG602508-4 QC Sample: L1306802-01 Client ID: SB-1702 (0-2')												
Aluminum, Total	14000	181	17000	1660	Q	-	-		75-125	-		35
Antimony, Total	1.5J	45.2	41	91		-	-		75-125	-		35
Arsenic, Total	5.7	10.8	16	95		-	-		75-125	-		35
Barium, Total	66.	181	260	107		-	-		75-125	-		35
Beryllium, Total	0.43J	4.52	5.2	115		-	-		75-125	-		35
Cadmium, Total	ND	46.1	42	91		-	-		75-125	-		35
Calcium, Total	2400	903	3200	88		-	-		75-125	-		35
Chromium, Total	17.	18.1	36	105		-	-		75-125	-		35
Cobalt, Total	5.7	45.2	52	102		-	-		75-125	-		35
Copper, Total	14.	22.6	37	102		-	-		75-125	-		35
Iron, Total	17000	90.3	19000	2210	Q	-	-		75-125	-		35
Lead, Total	140	46.1	130	0	Q	-	-		75-125	-		35
Magnesium, Total	1800	903	2800	111		-	-		75-125	-		35
Manganese, Total	360	45.2	380	44	Q	-	-		75-125	-		35
Nickel, Total	12.	45.2	55	95		-	-		75-125	-		35
Potassium, Total	620	903	1800	131	Q	-	-		75-125	-		35
Selenium, Total	0.71J	10.8	12	111		-	-		75-125	-		35
Silver, Total	ND	27.1	29	107		-	-		75-125	-		35
Sodium, Total	97.J	903	1200	133	Q	-	-		75-125	-		35
Thallium, Total	ND	10.8	9.4	87		-	-		75-125	-		35
Vanadium, Total	25.	45.2	72	104		-	-		75-125	-		35

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Lab Number:** L1306802

**Project Number:** 2283.0001Y000

**Report Date:** 04/24/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG602508-4 QC Sample: L1306802-01 Client ID: SB-1702 (0-2')									
Zinc, Total	35.	45.2	80	100	-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG603102-4 QC Sample: L1306727-02 Client ID: MS Sample									
Mercury, Total	0.07J	0.172	0.29	169	Q	-	70-130	-	35

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306802

Report Date: 04/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG602508-3 QC Sample: L1306802-01 Client ID: SB-1702 (0-2')						
Aluminum, Total	14000	16000	mg/kg	13		35
Antimony, Total	1.5J	1.6J	mg/kg	NC		35
Arsenic, Total	5.7	5.6	mg/kg	2		35
Barium, Total	66.	68	mg/kg	3		35
Beryllium, Total	0.43J	0.46	mg/kg	NC		35
Cadmium, Total	ND	ND	mg/kg	NC		35
Calcium, Total	2400	2200	mg/kg	9		35
Chromium, Total	17.	18	mg/kg	6		35
Cobalt, Total	5.7	6.4	mg/kg	12		35
Copper, Total	14.	13	mg/kg	7		35
Iron, Total	17000	18000	mg/kg	6		35
Lead, Total	140	83	mg/kg	51	Q	35
Magnesium, Total	1800	1800	mg/kg	0		35
Manganese, Total	360	310	mg/kg	15		35
Nickel, Total	12.	13	mg/kg	8		35
Potassium, Total	620	660	mg/kg	6		35
Selenium, Total	0.71J	0.98J	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	97.J	ND	mg/kg	NC		35

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1306802

**Report Date:** 04/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
<b>Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG602508-3 QC Sample: L1306802-01 Client ID: SB-1702 (0-2')</b>					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	25.	26	mg/kg	4	35
Zinc, Total	35.	36	mg/kg	3	35
<b>Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG603102-3 QC Sample: L1306727-02 Client ID: DUP Sample</b>					
Mercury, Total	0.07J	0.08J	mg/kg	NC	35

# **INORGANICS & MISCELLANEOUS**

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**SAMPLE RESULTS**

**Lab ID:** L1306802-01  
**Client ID:** SB-1702 (0-2')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil

**Date Collected:** 04/17/13 09:00  
**Date Received:** 04/17/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	04/18/13 20:46	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-02

Date Collected: 04/17/13 10:00

Client ID: SB-5401 (0-2')

Date Received: 04/17/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	04/18/13 20:46	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-03

Date Collected: 04/17/13 10:20

Client ID: SB-5402 (0-2')

Date Received: 04/17/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	04/18/13 20:46	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS****Lab ID:** L1306802-04**Date Collected:** 04/17/13 11:45**Client ID:** SB-1101 (10-12')**Date Received:** 04/17/13**Sample Location:** BROOKLYN, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	04/18/13 20:46	30,2540G	RD



**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13**SAMPLE RESULTS**

Lab ID: L1306802-05

Date Collected: 04/17/13 12:20

Client ID: SB-1501 (10-12')

Date Received: 04/17/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	04/18/13 20:46	30,2540G	RD



**Lab Duplicate Analysis**  
Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1306802

Report Date: 04/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG602574-1 QC Sample: L1306727-01 Client ID: DUP Sample						
Solids, Total	87.5	87.4	%	0		20

**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** 04/18/2013 00:44

#### Cooler Information Custody Seal Cooler

A Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306802-01A	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-01B	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-01C	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-01D	Vial MeOH preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-01E	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-01F	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-01G	Plastic 2oz unpreserved for TS	A	N/A	4.9	Y	Absent	TS(7)
L1306802-01H	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-01I	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-02A	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-02B	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-02C	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-02D	Vial MeOH preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306802-02E	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-02F	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-02G	Plastic 2oz unpreserved for TS	A	N/A	4.9	Y	Absent	TS(7)
L1306802-02H	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-02I	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-03A	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-03B	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-03C	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-03D	Vial MeOH preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-03E	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-03F	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-03G	Plastic 2oz unpreserved for TS	A	N/A	4.9	Y	Absent	TS(7)
L1306802-03H	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306802-03I	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-04A	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-04B	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-04C	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-04D	Vial MeOH preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-04E	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-04F	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-04G	Plastic 2oz unpreserved for TS	A	N/A	4.9	Y	Absent	TS(7)
L1306802-04H	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-04I	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-05A	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-05B	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-05C	5 gram Encore Sampler	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(2)
L1306802-05D	Vial MeOH preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-05E	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)
L1306802-05F	Vial Water preserved split	A	N/A	4.9	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1306802-05G	Plastic 2oz unpreserved for TS	A	N/A	4.9	Y	Absent	TS(7)
L1306802-05H	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-05I	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1306802-06A	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1306802-06B	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND-ROGERS AVE.**Lab Number:** L1306802**Project Number:** 2283.0001Y000**Report Date:** 04/24/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

Report Format: DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

#### **Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND-ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1306802  
**Report Date:** 04/24/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT, SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:*, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commisison on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.





## ANALYTICAL REPORT

Lab Number:	L1307030
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND-ROGERS AVE
Project Number:	2283.0001Y000
Report Date:	04/26/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1307030-01	SB-1102 (10-12')	BROOKLYN, NY	04/19/13 08:30
L1307030-02	SB-1103 (10-12')	BROOKLYN, NY	04/19/13 09:00
L1307030-03	SB-1702 (10-12')	BROOKLYN, NY	04/19/13 09:10
L1307030-04	SB-5401 (10-12')	BROOKLYN, NY	04/19/13 09:50
L1307030-05	SB-5402 (10-12')	BROOKLYN, NY	04/19/13 10:30
L1307030-06	SB-1701 (10-12')	BROOKLYN, NY	04/19/13 11:45
L1307030-07	SB-1502 (10-12')	BROOKLYN, NY	04/19/13 12:30
L1307030-08	TRIP BLANK	BROOKLYN, NY	04/19/13 00:00

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1307030-08: The Trip Blank has results for Acetone and 2-Butanone present below the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

#### Pesticides

The WG602940-3 LCSD recovery, associated with L1307030-01 through -07, was above the acceptance criteria for Endrin (157%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

#### Metals

L1307030-01 through -07 have elevated detection limits for all elements, with the exception of Mercury, due to the dilutions required by the sample matrices.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 04/26/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 09:49  
 Analyst: BN  
 Percent Solids: 93%

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.49	1
Bromoform	ND		ug/kg	4.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.18	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.4	0.84	1
Bromomethane	ND		ug/kg	2.2	0.36	1
Vinyl chloride	ND		ug/kg	2.2	0.15	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.26	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1
p/m-Xylene	ND		ug/kg	2.2	0.35	1
o-Xylene	ND		ug/kg	2.2	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.33	1
Dichlorodifluoromethane	ND		ug/kg	11	0.23	1
Acetone	ND		ug/kg	11	3.3	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.38	1
Vinyl acetate	ND		ug/kg	11	0.52	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.24	1
2-Hexanone	ND		ug/kg	11	0.20	1
Bromochloromethane	ND		ug/kg	5.4	0.21	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.21	1
sec-Butylbenzene	ND		ug/kg	1.1	0.22	1
tert-Butylbenzene	ND		ug/kg	5.4	0.60	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.85	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.20	1
Naphthalene	ND		ug/kg	5.4	0.83	1
Acrylonitrile	ND		ug/kg	11	0.26	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.85	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.62	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.3	0.17	1
4-Ethyltoluene	ND		ug/kg	4.3	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.48	1

**Tentatively Identified Compounds**

Unknown	3.2	J	ug/kg			1
Unknown	24	J	ug/kg			1
Unknown	17	J	ug/kg			1
Unknown	9.5	J	ug/kg			1
Unknown	35	J	ug/kg			1
Unknown	7.2	J	ug/kg			1
Unknown	4.0	J	ug/kg			1
Unknown	2.5	J	ug/kg			1
Unknown	5.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 10:17  
 Analyst: BN  
 Percent Solids: 89%

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.17	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.96	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.96	0.14	1
Chlorobenzene	ND		ug/kg	0.96	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	0.11	1
Bromodichloromethane	ND		ug/kg	0.96	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.44	1
Bromoform	ND		ug/kg	3.9	0.40	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	0.16	1
Benzene	ND		ug/kg	0.96	0.11	1
Toluene	ND		ug/kg	1.4	0.11	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	4.8	0.76	1
Bromomethane	ND		ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.14	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.96	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.23	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.10	1
p/m-Xylene	ND		ug/kg	1.9	0.31	1
o-Xylene	ND		ug/kg	1.9	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.14	1
Dibromomethane	ND		ug/kg	9.6	0.16	1
Styrene	ND		ug/kg	1.9	0.30	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.21	1
Acetone	ND		ug/kg	9.6	3.0	1
Carbon disulfide	ND		ug/kg	9.6	1.9	1
2-Butanone	ND		ug/kg	9.6	0.34	1
Vinyl acetate	ND		ug/kg	9.6	0.46	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.6	0.22	1
2-Hexanone	ND		ug/kg	9.6	0.18	1
Bromochloromethane	ND		ug/kg	4.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.20	1
n-Butylbenzene	ND		ug/kg	0.96	0.19	1
sec-Butylbenzene	ND		ug/kg	0.96	0.20	1
tert-Butylbenzene	ND		ug/kg	4.8	0.54	1
o-Chlorotoluene	ND		ug/kg	4.8	0.15	1
p-Chlorotoluene	ND		ug/kg	4.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.76	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.41	1
Isopropylbenzene	ND		ug/kg	0.96	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.18	1
Naphthalene	ND		ug/kg	4.8	0.74	1
Acrylonitrile	ND		ug/kg	9.6	0.23	1
n-Propylbenzene	ND		ug/kg	0.96	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.76	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	0.55	1
1,4-Dioxane	ND		ug/kg	96	17.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.15	1
4-Ethyltoluene	ND		ug/kg	3.9	0.11	1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.12	1
Ethyl ether	ND		ug/kg	4.8	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.43	1

## Tentatively Identified Compounds

Unknown	6.2	J	ug/kg			1
Unknown	6.8	J	ug/kg			1
Unknown	3.6	J	ug/kg			1
Unknown	7.1	J	ug/kg			1
Unknown	2.1	J	ug/kg			1
Unknown	6.6	J	ug/kg			1
Unknown	4.8	J	ug/kg			1
Unknown	2.6	J	ug/kg			1
Unknown	2.1	J	ug/kg			1
Unknown	2.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 10:44  
 Analyst: BN  
 Percent Solids: 94%

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.22	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.37	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.55	1
Bromoform	ND		ug/kg	4.8	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.21	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.14	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	6.0	0.95	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.17	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.29	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.13	1
p/m-Xylene	ND		ug/kg	2.4	0.39	1
o-Xylene	ND		ug/kg	2.4	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.4	0.37	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	ND		ug/kg	12	3.8	1
Carbon disulfide	ND		ug/kg	12	2.4	1
2-Butanone	ND		ug/kg	12	0.43	1
Vinyl acetate	ND		ug/kg	12	0.58	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.27	1
2-Hexanone	ND		ug/kg	12	0.23	1
Bromochloromethane	ND		ug/kg	6.0	0.24	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.24	1
sec-Butylbenzene	ND		ug/kg	1.2	0.25	1
tert-Butylbenzene	ND		ug/kg	6.0	0.68	1
o-Chlorotoluene	ND		ug/kg	6.0	0.19	1
p-Chlorotoluene	ND		ug/kg	6.0	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.96	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.51	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	ND		ug/kg	6.0	0.93	1
Acrylonitrile	ND		ug/kg	12	0.29	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.96	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	0.69	1
1,4-Dioxane	ND		ug/kg	120	21.	1
1,4-Diethylbenzene	ND		ug/kg	4.8	0.19	1
4-Ethyltoluene	ND		ug/kg	4.8	0.14	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.16	1
Ethyl ether	ND		ug/kg	6.0	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.54	1

## Tentatively Identified Compounds

Unknown	4.1	J	ug/kg			1
Unknown	15	J	ug/kg			1
Unknown	14	J	ug/kg			1
Unknown	8.7	J	ug/kg			1
Unknown	14	J	ug/kg			1
Unknown	4.8	J	ug/kg			1
Unknown	11	J	ug/kg			1
Unknown	8.3	J	ug/kg			1
Unknown	4.6	J	ug/kg			1
Unknown	4.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 11:12  
 Analyst: BN  
 Percent Solids: 95%

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.52	1
Bromoform	ND		ug/kg	4.6	0.47	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.1	0.17	1
Chloromethane	ND		ug/kg	5.7	0.89	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.28	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.17	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.35	1
Dichlorodifluoromethane	ND		ug/kg	11	0.25	1
Acetone	ND		ug/kg	11	3.5	1
Carbon disulfide	ND		ug/kg	11	2.3	1
2-Butanone	ND		ug/kg	11	0.40	1
Vinyl acetate	ND		ug/kg	11	0.55	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.26	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.7	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.7	0.64	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.48	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.7	0.88	1
Acrylonitrile	ND		ug/kg	11	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.90	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.65	1
1,4-Dioxane	ND		ug/kg	110	20.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.13	1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.51	1

## Tentatively Identified Compounds

Unknown	2.6	J	ug/kg			1
Unknown	4.2	J	ug/kg			1
Unknown	4.8	J	ug/kg			1
Unknown	2.7	J	ug/kg			1
Unknown	3.8	J	ug/kg			1
Unknown	5.4	J	ug/kg			1
Unknown	4.2	J	ug/kg			1
Unknown	2.4	J	ug/kg			1
Unknown	2.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 11:40  
 Analyst: BN  
 Percent Solids: 92%

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.18	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.12	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.45	1
Bromoform	ND		ug/kg	3.9	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.17	1
Benzene	ND		ug/kg	0.98	0.12	1
Toluene	ND		ug/kg	1.5	0.11	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	4.9	0.77	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.14	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.24	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by 8260/5035 - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/kg	2.0	0.10	1
p/m-Xylene	ND		ug/kg	2.0	0.32	1
o-Xylene	ND		ug/kg	2.0	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.15	1
Dibromomethane	ND		ug/kg	9.8	0.16	1
Styrene	ND		ug/kg	2.0	0.30	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.22	1
Acetone	ND		ug/kg	9.8	3.0	1
Carbon disulfide	ND		ug/kg	9.8	2.0	1
2-Butanone	ND		ug/kg	9.8	0.35	1
Vinyl acetate	ND		ug/kg	9.8	0.47	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.22	1
2-Hexanone	ND		ug/kg	9.8	0.18	1
Bromochloromethane	ND		ug/kg	4.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.20	1
n-Butylbenzene	ND		ug/kg	0.98	0.19	1
sec-Butylbenzene	ND		ug/kg	0.98	0.20	1
tert-Butylbenzene	ND		ug/kg	4.9	0.55	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.78	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.42	1
Isopropylbenzene	ND		ug/kg	0.98	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.19	1
Naphthalene	ND		ug/kg	4.9	0.76	1
Acrylonitrile	ND		ug/kg	9.8	0.23	1
n-Propylbenzene	ND		ug/kg	0.98	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.78	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.56	1
1,4-Dioxane	ND		ug/kg	98	17.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.16	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.44	1

**Tentatively Identified Compounds**

Unknown	2.3	J	ug/kg			1
Unknown	3.7	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	14	J	ug/kg			1
Unknown	7.3	J	ug/kg			1
Unknown	14	J	ug/kg			1
Unknown	2.6	J	ug/kg			1
Unknown	5.5	J	ug/kg			1
Unknown	5.8	J	ug/kg			1
Unknown	3.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 12:08  
 Analyst: BN  
 Percent Solids: 93%

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.4	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.17	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.94	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.22	1
Dibromochloromethane	ND		ug/kg	0.94	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.94	0.13	1
Chlorobenzene	ND		ug/kg	0.94	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.11	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	0.94	0.10	1
Bromodichloromethane	ND		ug/kg	0.94	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.94	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.43	1
Bromoform	ND		ug/kg	3.8	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.94	0.16	1
Benzene	ND		ug/kg	0.94	0.11	1
Toluene	ND		ug/kg	1.4	0.10	1
Ethylbenzene	ND		ug/kg	0.94	0.14	1
Chloromethane	ND		ug/kg	4.7	0.74	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.13	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.94	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.23	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.10	1
p/m-Xylene	ND		ug/kg	1.9	0.30	1
o-Xylene	ND		ug/kg	1.9	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.14	1
Dibromomethane	ND		ug/kg	9.4	0.15	1
Styrene	ND		ug/kg	1.9	0.29	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.20	1
Acetone	8.1	J	ug/kg	9.4	2.9	1
Carbon disulfide	ND		ug/kg	9.4	1.9	1
2-Butanone	1.4	J	ug/kg	9.4	0.33	1
Vinyl acetate	ND		ug/kg	9.4	0.45	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.4	0.21	1
2-Hexanone	ND		ug/kg	9.4	0.18	1
Bromochloromethane	ND		ug/kg	4.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.94	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.20	1
n-Butylbenzene	ND		ug/kg	0.94	0.19	1
sec-Butylbenzene	ND		ug/kg	0.94	0.19	1
tert-Butylbenzene	ND		ug/kg	4.7	0.53	1
o-Chlorotoluene	ND		ug/kg	4.7	0.15	1
p-Chlorotoluene	ND		ug/kg	4.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.74	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.40	1
Isopropylbenzene	ND		ug/kg	0.94	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.18	1
Naphthalene	ND		ug/kg	4.7	0.72	1
Acrylonitrile	ND		ug/kg	9.4	0.22	1
n-Propylbenzene	ND		ug/kg	0.94	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.74	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.54	1
1,4-Dioxane	ND		ug/kg	94	16.	1
1,4-Diethylbenzene	ND		ug/kg	3.8	0.15	1
4-Ethyltoluene	ND		ug/kg	3.8	0.11	1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.12	1
Ethyl ether	ND		ug/kg	4.7	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.42	1

## Tentatively Identified Compounds

Unknown	2.0	J	ug/kg			1
Unknown	2.6	J	ug/kg			1
Unknown	11	J	ug/kg			1
Unknown	10	J	ug/kg			1
Unknown	4.0	J	ug/kg			1
Unknown	9.7	J	ug/kg			1
Unknown	6.7	J	ug/kg			1
Unknown	7.8	J	ug/kg			1
Unknown	3.5	J	ug/kg			1
Unknown	3.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 12:36  
 Analyst: BN  
 Percent Solids: 95%

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.20	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.50	1
Bromoform	ND		ug/kg	4.4	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.5	0.86	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.16	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.27	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1
p/m-Xylene	ND		ug/kg	2.2	0.36	1
o-Xylene	ND		ug/kg	2.2	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.34	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	ND		ug/kg	11	3.4	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.39	1
Vinyl acetate	ND		ug/kg	11	0.53	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.25	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.5	0.22	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.5	0.62	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.87	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.46	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	ND		ug/kg	5.5	0.85	1
Acrylonitrile	ND		ug/kg	11	0.26	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.87	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.63	1
1,4-Dioxane	ND		ug/kg	110	19.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.13	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by 8260/5035 - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.49	1

**Tentatively Identified Compounds**

Unknown	3.6	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	15	J	ug/kg			1
Unknown	9.1	J	ug/kg			1
Unknown	16	J	ug/kg			1
Unknown	5.3	J	ug/kg			1
Unknown	13	J	ug/kg			1
Unknown	9.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-08  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/26/13 15:36  
 Analyst: PD

Date Collected: 04/19/13 00:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-08  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 00:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.3	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-08  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 00:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/22/13 08:25  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-07 Batch: WG603275-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/22/13 08:25  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-07 Batch: WG603275-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/22/13 08:25  
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-07 Batch: WG603275-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/22/13 08:25  
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-07 Batch: WG603275-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/26/13 10:09  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG604351-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/26/13 10:09  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG604351-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/26/13 10:09  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG604351-3					
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	76.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-07 Batch: WG603275-1 WG603275-2								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	88		89		70-130	1		30
Chloroform	85		87		70-130	2		30
Carbon tetrachloride	86		88		70-130	2		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	106		106		70-130	0		30
2-Chloroethylvinyl ether	87		88			1		30
1,1,2-Trichloroethane	108		108		70-130	0		30
Tetrachloroethene	106		109		70-130	3		30
Chlorobenzene	106		108		70-130	2		30
Trichlorofluoromethane	88		93		70-139	6		30
1,2-Dichloroethane	86		86		70-130	0		30
1,1,1-Trichloroethane	85		88		70-130	3		30
Bromodichloromethane	85		85		70-130	0		30
trans-1,3-Dichloropropene	109		110		70-130	1		30
cis-1,3-Dichloropropene	87		88		70-130	1		30
1,1-Dichloropropene	87		90		70-130	3		30
Bromoform	115		113		70-130	2		30
1,1,2,2-Tetrachloroethane	117		115		70-130	2		30
Benzene	85		87		70-130	2		30
Toluene	102		105		70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307030

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-07 Batch: WG603275-1 WG603275-2								
Ethylbenzene	107		110		70-130	3		30
Chloromethane	87		88		52-130	1		30
Bromomethane	91		93		57-147	2		30
Vinyl chloride	83		88		67-130	6		30
Chloroethane	90		92		50-151	2		30
1,1-Dichloroethene	87		92		65-135	6		30
trans-1,2-Dichloroethene	85		88		70-130	3		30
Trichloroethene	82		85		70-130	4		30
1,2-Dichlorobenzene	118		117		70-130	1		30
1,3-Dichlorobenzene	118		119		70-130	1		30
1,4-Dichlorobenzene	118		118		70-130	0		30
Methyl tert butyl ether	82		81		66-130	1		30
p/m-Xylene	109		111		70-130	2		30
o-Xylene	109		110		70-130	1		30
cis-1,2-Dichloroethene	86		86		70-130	0		30
Dibromomethane	84		84		70-130	0		30
Styrene	110		111		70-130	1		30
Dichlorodifluoromethane	91		97		30-146	6		30
Acetone	78		89		54-140	13		30
Carbon disulfide	84		87		59-130	4		30
2-Butanone	99		104		70-130	5		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-07 Batch: WG603275-1 WG603275-2								
Vinyl acetate	89		87		70-130	2		30
4-Methyl-2-pentanone	84		82		70-130	2		30
1,2,3-Trichloropropane	119		117		68-130	2		30
2-Hexanone	108		107		70-130	1		30
Bromochloromethane	85		85		70-130	0		30
2,2-Dichloropropane	85		89		70-130	5		30
1,2-Dibromoethane	105		104		70-130	1		30
1,3-Dichloropropane	107		106		69-130	1		30
1,1,1,2-Tetrachloroethane	104		107		70-130	3		30
Bromobenzene	118		118		70-130	0		30
n-Butylbenzene	124		127		70-130	2		30
sec-Butylbenzene	121		124		70-130	2		30
tert-Butylbenzene	120		121		70-130	1		30
o-Chlorotoluene	120		121		70-130	1		30
p-Chlorotoluene	120		121		70-130	1		30
1,2-Dibromo-3-chloropropane	114		115		68-130	1		30
Hexachlorobutadiene	121		122		67-130	1		30
Isopropylbenzene	120		122		70-130	2		30
p-Isopropyltoluene	121		124		70-130	2		30
Naphthalene	118		115		70-130	3		30
Acrylonitrile	84		82		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-07 Batch: WG603275-1 WG603275-2								
Isopropyl Ether	88		88		66-130	0		30
tert-Butyl Alcohol	84		82		70-130	2		30
n-Propylbenzene	121		123		70-130	2		30
1,2,3-Trichlorobenzene	121		120		70-130	1		30
1,2,4-Trichlorobenzene	119		119		70-130	0		30
1,3,5-Trimethylbenzene	121		122		70-130	1		30
1,2,4-Trimethylbenzene	121		123		70-130	2		30
Methyl Acetate	88		85		51-146	3		30
Ethyl Acetate	85		84		70-130	1		30
Acrolein	62	Q	62	Q	70-130	0		30
Cyclohexane	90		95		59-142	5		30
1,4-Dioxane	85		84		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		92		50-139	4		30
1,4-Diethylbenzene	119		122		70-130	2		30
4-Ethyltoluene	119		121		70-130	2		30
1,2,4,5-Tetramethylbenzene	121		121		70-130	0		30
Tetrahydrofuran	82		80		66-130	2		30
Ethyl ether	83		84		67-130	1		30
trans-1,4-Dichloro-2-butene	117		115		70-130	2		30
Methyl cyclohexane	88		93		70-130	6		30
Ethyl-Tert-Butyl-Ether	86		87		70-130	1		30

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-07 Batch: WG603275-1 WG603275-2								
Tertiary-Amyl Methyl Ether	84		83		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	118		119		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	96		97		70-130

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG604351-1 WG604351-2								
Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	91		89		70-130	2		20
1,1-Dichloroethane	93		90		70-130	3		20
Chloroform	95		92		70-130	3		20
Carbon tetrachloride	98		93		63-132	5		20
1,2-Dichloropropane	91		89		70-130	2		20
Dibromochloromethane	99		105		63-130	6		20
1,1,2-Trichloroethane	98		102		70-130	4		20
Tetrachloroethene	106		102		70-130	4		20
Chlorobenzene	101		99		75-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307030

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG604351-1 WG604351-2								
Trichlorofluoromethane	96		92		62-150	4		20
1,2-Dichloroethane	91		93		70-130	2		20
1,1,1-Trichloroethane	95		93		67-130	2		20
Bromodichloromethane	94		92		67-130	2		20
trans-1,3-Dichloropropene	98		100		70-130	2		20
cis-1,3-Dichloropropene	93		93		70-130	0		20
1,1-Dichloropropene	95		92		70-130	3		20
Bromoform	102		107		54-136	5		20
1,1,1,2-Tetrachloroethane	101		108		67-130	7		20
Benzene	93		90		70-130	3		20
Toluene	101		98		70-130	3		20
Ethylbenzene	102		99		70-130	3		20
Chloromethane	93		87		64-130	7		20
Bromomethane	77		74		39-139	4		20
Vinyl chloride	93		89		55-140	4		20
Chloroethane	106		101		55-138	5		20
1,1-Dichloroethene	96		94		61-145	2		20
trans-1,2-Dichloroethene	94		92		70-130	2		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	105		103		70-130	2		20
1,3-Dichlorobenzene	105		104		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG604351-1 WG604351-2								
1,4-Dichlorobenzene	105		105		70-130	0		20
Methyl tert butyl ether	86		89		63-130	3		20
p/m-Xylene	103		100		70-130	3		20
o-Xylene	101		101		70-130	0		20
cis-1,2-Dichloroethene	93		91		70-130	2		20
Dibromomethane	92		96		70-130	4		20
1,2,3-Trichloropropane	105		112		64-130	6		20
Acrylonitrile	87		91		70-130	4		20
Styrene	103		102		70-130	1		20
Dichlorodifluoromethane	88		84		36-147	5		20
Acetone	113		103		58-148	9		20
Carbon disulfide	90		87		51-130	3		20
2-Butanone	85		83		63-138	2		20
Vinyl acetate	84		87		70-130	4		20
4-Methyl-2-pentanone	83		92		59-130	10		20
2-Hexanone	101		96		57-130	5		20
Bromochloromethane	96		96		70-130	0		20
2,2-Dichloropropane	98		94		63-133	4		20
1,2-Dibromoethane	100		102		70-130	2		20
1,3-Dichloropropane	100		103		70-130	3		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG604351-1 WG604351-2								
Bromobenzene	106		106		70-130	0		20
n-Butylbenzene	107		104		53-136	3		20
sec-Butylbenzene	107		105		70-130	2		20
tert-Butylbenzene	107		104		70-130	3		20
o-Chlorotoluene	108		104		70-130	4		20
p-Chlorotoluene	106		103		70-130	3		20
1,2-Dibromo-3-chloropropane	98		101		41-144	3		20
Hexachlorobutadiene	105		103		63-130	2		20
Isopropylbenzene	109		106		70-130	3		20
p-Isopropyltoluene	108		104		70-130	4		20
Naphthalene	90		97		70-130	7		20
n-Propylbenzene	108		105		69-130	3		20
1,2,3-Trichlorobenzene	95		99		70-130	4		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	109		104		64-130	5		20
1,2,4-Trimethylbenzene	106		104		70-130	2		20
1,4-Dioxane	80		82		56-162	2		20
1,4-Diethylbenzene	105		101		70-130	4		20
4-Ethyltoluene	106		103		70-130	3		20
1,2,4,5-Tetramethylbenzene	103		100		70-130	3		20
Ethyl ether	87		89		59-134	2		20

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG604351-1 WG604351-2								
trans-1,4-Dichloro-2-butene	92		99		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	100		99		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 20:43  
 Analyst: JB  
 Percent Solids: 93%

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	50.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	ND		ug/kg	110	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	54.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	53.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	35.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	44.	1
Diethyl phthalate	ND		ug/kg	180	38.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1
Benzo(a)anthracene	ND		ug/kg	110	35.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	ND		ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	ND		ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	110	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	47.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	ND		ug/kg	210	57.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	54.	1
2,4-Dichlorophenol	ND		ug/kg	160	58.	1
2,4-Dimethylphenol	ND		ug/kg	180	53.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	58.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	65.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	58.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown	300	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown Organic Acid	1500	J	ug/kg			1
Unknown Organic Acid	5900	J	ug/kg			1
Unknown Organic Acid	3700	J	ug/kg			1
Unknown	630	J	ug/kg			1
Unknown Organic Acid	160	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	98		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 21:10  
 Analyst: JB  
 Percent Solids: 89%

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	38.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	51.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	58.	1
1,4-Dichlorobenzene	ND		ug/kg	180	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	39.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	64.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	55.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	120	1
Hexachloroethane	ND		ug/kg	150	33.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	ND		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	43.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	54.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	46.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	52.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	40.	1
Pyrene	ND		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	60.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	50.	1
4-Nitroaniline	ND		ug/kg	180	49.	1
Dibenzofuran	ND		ug/kg	180	61.	1
2-Methylnaphthalene	ND		ug/kg	220	58.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	59.	1
2,4-Dimethylphenol	ND		ug/kg	180	54.	1
2-Nitrophenol	ND		ug/kg	390	57.	1
4-Nitrophenol	ND		ug/kg	260	59.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	59.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	39.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	97		0-136
4-Terphenyl-d14	102		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 21:36  
 Analyst: JB  
 Percent Solids: 94%

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	57.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	46.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	34.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	380	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

Unknown	220	J	ug/kg			1
Unknown	160	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	126		0-136
4-Terphenyl-d14	115		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 22:03  
 Analyst: JB  
 Percent Solids: 95%

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	57.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	38.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	46.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	34.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	380	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	115		0-136
4-Terphenyl-d14	119		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 22:30  
 Analyst: JB  
 Percent Solids: 92%

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	50.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	120		ug/kg	110	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	54.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	53.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1
Benzo(a)anthracene	49	J	ug/kg	110	35.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	44	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	56	J	ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	56	J	ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	70	J	ug/kg	110	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	120		ug/kg	110	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	47.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	53.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	57.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	65.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

Unknown	350	J	ug/kg			1
Unknown	260	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	125		0-136
4-Terphenyl-d14	109		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 19:40  
 Analyst: JB  
 Percent Solids: 93%

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	100	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	36.	1
Benzo(k)fluoranthene	ND		ug/kg	100	34.	1
Chrysene	ND		ug/kg	100	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	46.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	52.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	57.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	64.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

## Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
-------------------------------------	----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	82		18-120

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 04/22/13 20:08  
 Analyst: JB  
 Percent Solids: 95%

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	51	J	ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	61	J	ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	46	J	ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	37.	1

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

## Tentatively Identified Compounds

Unknown	1300	J	ug/kg			1
Unknown Organic Acid	5300	J	ug/kg			1
Unknown Organic Acid	3200	J	ug/kg			1
Unknown	530	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	108		0-136
4-Terphenyl-d14	94		18-120

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/22/13 21:26  
Analyst: JB

Extraction Method: EPA 3546  
Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG602897-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	41.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 04/22/13 21:26  
**Analyst:** JB

**Extraction Method:** EPA 3546  
**Extraction Date:** 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG602897-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/22/13 21:26  
Analyst: JB

Extraction Method: EPA 3546  
Extraction Date: 04/20/13 14:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG602897-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	36.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	140	Q	0-136
4-Terphenyl-d14	112		18-120

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG602897-2 WG602897-3								
Acenaphthene	79		78		31-137	1		50
1,2,4-Trichlorobenzene	76		68		38-107	11		50
Hexachlorobenzene	96		94		40-140	2		50
Bis(2-chloroethyl)ether	57		52		40-140	9		50
2-Chloronaphthalene	79		75		40-140	5		50
1,2-Dichlorobenzene	68		61		40-140	11		50
1,3-Dichlorobenzene	67		60		40-140	11		50
1,4-Dichlorobenzene	67		62		28-104	8		50
3,3'-Dichlorobenzidine	57		59		40-140	3		50
2,4-Dinitrotoluene	84		84		28-89	0		50
2,6-Dinitrotoluene	82		80		40-140	2		50
Fluoranthene	92		91		40-140	1		50
4-Chlorophenyl phenyl ether	84		84		40-140	0		50
4-Bromophenyl phenyl ether	88		88		40-140	0		50
Bis(2-chloroisopropyl)ether	57		51		40-140	11		50
Bis(2-chloroethoxy)methane	63		56		40-117	12		50
Hexachlorobutadiene	84		78		40-140	7		50
Hexachlorocyclopentadiene	51		48		40-140	6		50
Hexachloroethane	63		58		40-140	8		50
Isophorone	60		56		40-140	7		50
Naphthalene	74		66		40-140	11		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307030

Report Date: 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG602897-2 WG602897-3								
Nitrobenzene	71		66		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	85		81			5		50
n-Nitrosodi-n-propylamine	61		56		32-121	9		50
Bis(2-Ethylhexyl)phthalate	80		80		40-140	0		50
Butyl benzyl phthalate	86		87		40-140	1		50
Di-n-butylphthalate	86		87		40-140	1		50
Di-n-octylphthalate	83		83		40-140	0		50
Diethyl phthalate	82		81		40-140	1		50
Dimethyl phthalate	82		81		40-140	1		50
Benzo(a)anthracene	89		88		40-140	1		50
Benzo(a)pyrene	87		87		40-140	0		50
Benzo(b)fluoranthene	85		87		40-140	2		50
Benzo(k)fluoranthene	87		86		40-140	1		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	81		78		40-140	4		50
Anthracene	92		92		40-140	0		50
Benzo(ghi)perylene	80		80		40-140	0		50
Fluorene	86		85		40-140	1		50
Phenanthrene	88		89		40-140	1		50
Dibenzo(a,h)anthracene	84		84		40-140	0		50
Indeno(1,2,3-cd)Pyrene	81		79		40-140	3		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG602897-2 WG602897-3								
Pyrene	92		92		35-142	0		50
Biphenyl	81		80			1		50
4-Chloroaniline	83		74		40-140	11		50
2-Nitroaniline	81		78		47-134	4		50
3-Nitroaniline	51		50		26-129	2		50
4-Nitroaniline	78		77		41-125	1		50
Dibenzofuran	82		81		40-140	1		50
2-Methylnaphthalene	78		74		40-140	5		50
1,2,4,5-Tetrachlorobenzene	85		80		40-117	6		50
Acetophenone	72		66		14-144	9		50
2,4,6-Trichlorophenol	88		86		30-130	2		50
P-Chloro-M-Cresol	86		83		26-103	4		50
2-Chlorophenol	68		61		25-102	11		50
2,4-Dichlorophenol	88		84		30-130	5		50
2,4-Dimethylphenol	75		74		30-130	1		50
2-Nitrophenol	65		61		30-130	6		50
4-Nitrophenol	100		97		11-114	3		50
2,4-Dinitrophenol	19		22		4-130	15		50
4,6-Dinitro-o-cresol	38		39		10-130	3		50
Pentachlorophenol	<b>126</b>	Q	<b>122</b>	Q	17-109	3		50
Phenol	62		58		26-90	7		50

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG602897-2 WG602897-3								
2-Methylphenol	69		63		30-130.	9		50
3-Methylphenol/4-Methylphenol	70		66		30-130	6		50
2,4,5-Trichlorophenol	97		95		30-130	2		50
Benzoic Acid	33		37			11		50
Benzyl Alcohol	69		64		40-140	8		50
Carbazole	87		87		54-128	0		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	79		69		25-120
Phenol-d6	84		74		10-120
Nitrobenzene-d5	76		68		23-120
2-Fluorobiphenyl	95		88		30-120
2,4,6-Tribromophenol	142	Q	143	Q	0-136
4-Terphenyl-d14	109		107		18-120



# PCBS

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 18:42  
 Analyst: KB  
 Percent Solids: 93%

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/kg	35.1	6.94	1
Aroclor 1221	ND		ug/kg	35.1	10.6	1
Aroclor 1232	ND		ug/kg	35.1	7.46	1
Aroclor 1242	ND		ug/kg	35.1	6.66	1
Aroclor 1248	ND		ug/kg	35.1	4.25	1
Aroclor 1254	ND		ug/kg	35.1	5.54	1
Aroclor 1260	ND		ug/kg	35.1	6.09	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		30-150
Decachlorobiphenyl	49		30-150
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	62		30-150

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 18:55  
 Analyst: KB  
 Percent Solids: 89%

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.4	6.98	1
Aroclor 1221	ND		ug/kg	35.4	10.7	1
Aroclor 1232	ND		ug/kg	35.4	7.51	1
Aroclor 1242	ND		ug/kg	35.4	6.71	1
Aroclor 1248	ND		ug/kg	35.4	4.28	1
Aroclor 1254	ND		ug/kg	35.4	5.58	1
Aroclor 1260	ND		ug/kg	35.4	6.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	57		30-150
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	60		30-150

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 19:09  
 Analyst: KB  
 Percent Solids: 94%

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.0	6.70	1
Aroclor 1221	ND		ug/kg	34.0	10.2	1
Aroclor 1232	ND		ug/kg	34.0	7.21	1
Aroclor 1242	ND		ug/kg	34.0	6.44	1
Aroclor 1248	ND		ug/kg	34.0	4.11	1
Aroclor 1254	ND		ug/kg	34.0	5.35	1
Aroclor 1260	ND		ug/kg	34.0	5.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	60		30-150

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

**Lab ID:** L1307030-04  
**Client ID:** SB-5401 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/22/13 19:22  
**Analyst:** KB  
**Percent Solids:** 95%

**Date Collected:** 04/19/13 09:50  
**Date Received:** 04/19/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/20/13 10:08  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/21/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	32.9	6.50	1
Aroclor 1221	ND		ug/kg	32.9	9.92	1
Aroclor 1232	ND		ug/kg	32.9	6.99	1
Aroclor 1242	ND		ug/kg	32.9	6.24	1
Aroclor 1248	ND		ug/kg	32.9	3.98	1
Aroclor 1254	ND		ug/kg	32.9	5.18	1
Aroclor 1260	ND		ug/kg	32.9	5.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	54		30-150
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	57		30-150

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 19:35  
 Analyst: KB  
 Percent Solids: 92%

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.4	6.79	1
Aroclor 1221	ND		ug/kg	34.4	10.4	1
Aroclor 1232	ND		ug/kg	34.4	7.30	1
Aroclor 1242	ND		ug/kg	34.4	6.53	1
Aroclor 1248	ND		ug/kg	34.4	4.16	1
Aroclor 1254	ND		ug/kg	34.4	5.42	1
Aroclor 1260	ND		ug/kg	34.4	5.97	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	50		30-150
2,4,5,6-Tetrachloro-m-xylene	55		30-150
Decachlorobiphenyl	56		30-150

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 19:48  
 Analyst: KB  
 Percent Solids: 93%

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/kg	33.6	6.64	1
Aroclor 1221	ND		ug/kg	33.6	10.2	1
Aroclor 1232	ND		ug/kg	33.6	7.15	1
Aroclor 1242	ND		ug/kg	33.6	6.39	1
Aroclor 1248	ND		ug/kg	33.6	4.07	1
Aroclor 1254	ND		ug/kg	33.6	5.30	1
Aroclor 1260	ND		ug/kg	33.6	5.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	57		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	62		30-150

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 20:01  
 Analyst: KB  
 Percent Solids: 95%

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.2	6.75	1
Aroclor 1221	ND		ug/kg	34.2	10.3	1
Aroclor 1232	ND		ug/kg	34.2	7.26	1
Aroclor 1242	ND		ug/kg	34.2	6.48	1
Aroclor 1248	ND		ug/kg	34.2	4.13	1
Aroclor 1254	ND		ug/kg	34.2	5.38	1
Aroclor 1260	ND		ug/kg	34.2	5.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	56		30-150
Decachlorobiphenyl	56		30-150
2,4,5,6-Tetrachloro-m-xylene	46		30-150
Decachlorobiphenyl	53		30-150

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/22/13 16:45  
 Analyst: KB

Extraction Method: EPA 3546  
 Extraction Date: 04/20/13 10:08  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/21/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/21/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG603721-1					
Aroclor 1016	ND		ug/kg	32.5	6.42
Aroclor 1221	ND		ug/kg	32.5	9.80
Aroclor 1232	ND		ug/kg	32.5	6.90
Aroclor 1242	ND		ug/kg	32.5	6.16
Aroclor 1248	ND		ug/kg	32.5	3.93
Aroclor 1254	ND		ug/kg	32.5	5.12
Aroclor 1260	ND		ug/kg	32.5	5.64

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	78		30-150



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG603721-2 WG603721-3								
Aroclor 1016	75		69		40-140	8		50
Aroclor 1260	56		49		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		68		30-150
Decachlorobiphenyl	65		57		30-150
2,4,5,6-Tetrachloro-m-xylene	70		65		30-150
Decachlorobiphenyl	70		58		30-150

# PESTICIDES

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 10:09  
 Analyst: BW  
 Percent Solids: 93%

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.68	0.330	1
Lindane	ND		ug/kg	0.701	0.314	1
Alpha-BHC	ND		ug/kg	0.701	0.199	1
Beta-BHC	ND		ug/kg	1.68	0.638	1
Heptachlor	ND		ug/kg	0.842	0.377	1
Aldrin	ND		ug/kg	1.68	0.593	1
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1
Endrin	ND		ug/kg	0.701	0.288	1
Endrin ketone	ND		ug/kg	1.68	0.433	1
Dieldrin	ND		ug/kg	1.05	0.526	1
4,4'-DDE	ND		ug/kg	1.68	0.389	1
4,4'-DDD	ND		ug/kg	1.68	0.600	1
4,4'-DDT	ND		ug/kg	3.16	1.35	1
Endosulfan I	ND		ug/kg	1.68	0.398	1
Endosulfan II	ND		ug/kg	1.68	0.562	1
Endosulfan sulfate	ND		ug/kg	0.701	0.320	1
Methoxychlor	ND		ug/kg	3.16	0.982	1
Toxaphene	ND		ug/kg	31.6	8.84	1
cis-Chlordane	ND		ug/kg	2.10	0.586	1
trans-Chlordane	ND		ug/kg	2.10	0.556	1
Chlordane	ND		ug/kg	13.7	5.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	102		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 10:22  
 Analyst: BW  
 Percent Solids: 89%

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.74	0.342	1
Lindane	ND		ug/kg	0.727	0.325	1
Alpha-BHC	ND		ug/kg	0.727	0.206	1
Beta-BHC	ND		ug/kg	1.74	0.661	1
Heptachlor	ND		ug/kg	0.872	0.391	1
Aldrin	ND		ug/kg	1.74	0.614	1
Heptachlor epoxide	ND		ug/kg	3.27	0.981	1
Endrin	ND		ug/kg	0.727	0.298	1
Endrin ketone	ND		ug/kg	1.74	0.449	1
Dieldrin	ND		ug/kg	1.09	0.545	1
4,4'-DDE	ND		ug/kg	1.74	0.403	1
4,4'-DDD	ND		ug/kg	1.74	0.622	1
4,4'-DDT	ND		ug/kg	3.27	1.40	1
Endosulfan I	ND		ug/kg	1.74	0.412	1
Endosulfan II	ND		ug/kg	1.74	0.583	1
Endosulfan sulfate	ND		ug/kg	0.727	0.332	1
Methoxychlor	ND		ug/kg	3.27	1.02	1
Toxaphene	ND		ug/kg	32.7	9.16	1
cis-Chlordane	ND		ug/kg	2.18	0.608	1
trans-Chlordane	ND		ug/kg	2.18	0.576	1
Chlordane	ND		ug/kg	14.2	5.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	119		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	100		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 10:35  
 Analyst: BW  
 Percent Solids: 94%

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.65	0.323	1
Lindane	ND		ug/kg	0.688	0.308	1
Alpha-BHC	ND		ug/kg	0.688	0.195	1
Beta-BHC	ND		ug/kg	1.65	0.626	1
Heptachlor	ND		ug/kg	0.826	0.370	1
Aldrin	ND		ug/kg	1.65	0.582	1
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1
Endrin	ND		ug/kg	0.688	0.282	1
Endrin ketone	ND		ug/kg	1.65	0.425	1
Dieldrin	ND		ug/kg	1.03	0.516	1
4,4'-DDE	ND		ug/kg	1.65	0.382	1
4,4'-DDD	ND		ug/kg	1.65	0.589	1
4,4'-DDT	ND		ug/kg	3.10	1.33	1
Endosulfan I	ND		ug/kg	1.65	0.390	1
Endosulfan II	ND		ug/kg	1.65	0.552	1
Endosulfan sulfate	ND		ug/kg	0.688	0.314	1
Methoxychlor	ND		ug/kg	3.10	0.964	1
Toxaphene	ND		ug/kg	31.0	8.67	1
cis-Chlordane	ND		ug/kg	2.06	0.575	1
trans-Chlordane	ND		ug/kg	2.06	0.545	1
Chlordane	ND		ug/kg	13.4	5.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	113		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 10:47  
 Analyst: BW  
 Percent Solids: 95%

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.62	0.317	1
Lindane	ND		ug/kg	0.674	0.301	1
Alpha-BHC	ND		ug/kg	0.674	0.192	1
Beta-BHC	ND		ug/kg	1.62	0.614	1
Heptachlor	ND		ug/kg	0.809	0.363	1
Aldrin	ND		ug/kg	1.62	0.570	1
Heptachlor epoxide	ND		ug/kg	3.03	0.910	1
Endrin	ND		ug/kg	0.674	0.276	1
Endrin ketone	ND		ug/kg	1.62	0.417	1
Dieldrin	ND		ug/kg	1.01	0.506	1
4,4'-DDE	ND		ug/kg	1.62	0.374	1
4,4'-DDD	ND		ug/kg	1.62	0.577	1
4,4'-DDT	ND		ug/kg	3.03	1.30	1
Endosulfan I	ND		ug/kg	1.62	0.382	1
Endosulfan II	ND		ug/kg	1.62	0.541	1
Endosulfan sulfate	ND		ug/kg	0.674	0.308	1
Methoxychlor	ND		ug/kg	3.03	0.944	1
Toxaphene	ND		ug/kg	30.3	8.50	1
cis-Chlordane	ND		ug/kg	2.02	0.564	1
trans-Chlordane	ND		ug/kg	2.02	0.534	1
Chlordane	ND		ug/kg	13.2	5.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	95		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

**Lab ID:** L1307030-05  
**Client ID:** SB-5402 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 04/23/13 11:00  
**Analyst:** BW  
**Percent Solids:** 92%

**Date Collected:** 04/19/13 10:30  
**Date Received:** 04/19/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3546  
**Extraction Date:** 04/21/13 14:01  
**Cleanup Method1:** EPA 3620B  
**Cleanup Date1:** 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.66	0.326	1
Lindane	ND		ug/kg	0.693	0.310	1
Alpha-BHC	ND		ug/kg	0.693	0.197	1
Beta-BHC	ND		ug/kg	1.66	0.631	1
Heptachlor	ND		ug/kg	0.832	0.373	1
Aldrin	ND		ug/kg	1.66	0.586	1
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1
Endrin	ND		ug/kg	0.693	0.284	1
Endrin ketone	ND		ug/kg	1.66	0.428	1
Dieldrin	ND		ug/kg	1.04	0.520	1
4,4'-DDE	ND		ug/kg	1.66	0.385	1
4,4'-DDD	ND		ug/kg	1.66	0.593	1
4,4'-DDT	ND		ug/kg	3.12	1.34	1
Endosulfan I	ND		ug/kg	1.66	0.393	1
Endosulfan II	ND		ug/kg	1.66	0.556	1
Endosulfan sulfate	ND		ug/kg	0.693	0.317	1
Methoxychlor	ND		ug/kg	3.12	0.970	1
Toxaphene	ND		ug/kg	31.2	8.73	1
cis-Chlordane	ND		ug/kg	2.08	0.579	1
trans-Chlordane	ND		ug/kg	2.08	0.549	1
Chlordane	ND		ug/kg	13.5	5.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	91		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 11:13  
 Analyst: BW  
 Percent Solids: 93%

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.61	0.316	1
Lindane	ND		ug/kg	0.672	0.301	1
Alpha-BHC	ND		ug/kg	0.672	0.191	1
Beta-BHC	ND		ug/kg	1.61	0.612	1
Heptachlor	ND		ug/kg	0.807	0.362	1
Aldrin	ND		ug/kg	1.61	0.568	1
Heptachlor epoxide	ND		ug/kg	3.03	0.908	1
Endrin	ND		ug/kg	0.672	0.276	1
Endrin ketone	ND		ug/kg	1.61	0.416	1
Dieldrin	ND		ug/kg	1.01	0.504	1
4,4'-DDE	ND		ug/kg	1.61	0.373	1
4,4'-DDD	ND		ug/kg	1.61	0.576	1
4,4'-DDT	ND		ug/kg	3.03	1.30	1
Endosulfan I	ND		ug/kg	1.61	0.381	1
Endosulfan II	ND		ug/kg	1.61	0.539	1
Endosulfan sulfate	ND		ug/kg	0.672	0.307	1
Methoxychlor	ND		ug/kg	3.03	0.942	1
Toxaphene	ND		ug/kg	30.3	8.47	1
cis-Chlordane	ND		ug/kg	2.02	0.562	1
trans-Chlordane	ND		ug/kg	2.02	0.533	1
Chlordane	ND		ug/kg	13.1	5.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	96		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 04/23/13 11:26  
 Analyst: BW  
 Percent Solids: 95%

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3546  
 Extraction Date: 04/21/13 14:01  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/kg	1.65	0.323	1
Lindane	ND		ug/kg	0.688	0.307	1
Alpha-BHC	ND		ug/kg	0.688	0.195	1
Beta-BHC	ND		ug/kg	1.65	0.626	1
Heptachlor	ND		ug/kg	0.825	0.370	1
Aldrin	ND		ug/kg	1.65	0.581	1
Heptachlor epoxide	ND		ug/kg	3.09	0.928	1
Endrin	ND		ug/kg	0.688	0.282	1
Endrin ketone	ND		ug/kg	1.65	0.425	1
Dieldrin	ND		ug/kg	1.03	0.516	1
4,4'-DDE	ND		ug/kg	1.65	0.382	1
4,4'-DDD	ND		ug/kg	1.65	0.589	1
4,4'-DDT	ND		ug/kg	3.09	1.33	1
Endosulfan I	ND		ug/kg	1.65	0.390	1
Endosulfan II	ND		ug/kg	1.65	0.552	1
Endosulfan sulfate	ND		ug/kg	0.688	0.314	1
Methoxychlor	ND		ug/kg	3.09	0.963	1
Toxaphene	ND		ug/kg	30.9	8.66	1
cis-Chlordane	ND		ug/kg	2.06	0.575	1
trans-Chlordane	ND		ug/kg	2.06	0.545	1
Chlordane	ND		ug/kg	13.4	5.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	97		30-150	B

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/23/13 08:14  
Analyst: BW

Extraction Method: EPA 3546  
Extraction Date: 04/21/13 14:01  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/22/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG602940-1					
Delta-BHC	ND		ug/kg	1.56	0.306
Lindane	ND		ug/kg	0.651	0.291
Alpha-BHC	ND		ug/kg	0.651	0.185
Beta-BHC	ND		ug/kg	1.56	0.592
Heptachlor	ND		ug/kg	0.781	0.350
Aldrin	ND		ug/kg	1.56	0.550
Heptachlor epoxide	ND		ug/kg	2.93	0.878
Endrin	ND		ug/kg	0.651	0.267
Endrin ketone	ND		ug/kg	1.56	0.402
Dieldrin	ND		ug/kg	0.976	0.488
4,4'-DDE	ND		ug/kg	1.56	0.361
4,4'-DDD	ND		ug/kg	1.56	0.557
4,4'-DDT	ND		ug/kg	2.93	1.26
Endosulfan I	ND		ug/kg	1.56	0.369
Endosulfan II	ND		ug/kg	1.56	0.522
Endosulfan sulfate	ND		ug/kg	0.651	0.297
Methoxychlor	ND		ug/kg	2.93	0.911
Toxaphene	ND		ug/kg	29.3	8.20
cis-Chlordane	ND		ug/kg	1.95	0.544
trans-Chlordane	ND		ug/kg	1.95	0.515
Chlordane	ND		ug/kg	12.7	5.17

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	121		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG602940-2 WG602940-3								
Delta-BHC	91		91		30-150	0		30
Lindane	92		99		30-150	7		30
Alpha-BHC	94		81		30-150	15		30
Beta-BHC	94		102		30-150	8		30
Heptachlor	98		110		30-150	12		30
Aldrin	96		115		30-150	18		30
Heptachlor epoxide	98		114		30-150	15		30
Endrin	110		157	Q	30-150	35	Q	30
Endrin ketone	89		102		30-150	14		30
Dieldrin	101		129		30-150	24		30
4,4'-DDE	99		118		30-150	18		30
4,4'-DDD	94		123		30-150	27		30
4,4'-DDT	100		129		30-150	25		30
Endosulfan I	100		123		30-150	21		30
Endosulfan II	90		114		30-150	24		30
Endosulfan sulfate	86		107		30-150	22		30
Methoxychlor	117		116		30-150	1		30
cis-Chlordane	98		120		30-150	20		30
trans-Chlordane	105		121		30-150	14		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307030

**Report Date:** 04/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG602940-2 WG602940-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		113		30-150	A
Decachlorobiphenyl	80		122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		85		30-150	B
Decachlorobiphenyl	116		117		30-150	B

## METALS

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-01  
 Client ID: SB-1102 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 93%

Date Collected: 04/19/13 08:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	7500		mg/kg	8.1	1.6	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Antimony, Total	1.2	J	mg/kg	4.1	0.81	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Arsenic, Total	1.5		mg/kg	0.81	0.24	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Barium, Total	36		mg/kg	0.81	0.24	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Beryllium, Total	0.47		mg/kg	0.41	0.03	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.81	0.05	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Calcium, Total	1300		mg/kg	8.1	1.6	2	04/23/13 15:20	04/25/13 18:07	EPA 3050B	1,6010C	MG
Chromium, Total	17		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Cobalt, Total	5.7		mg/kg	1.6	0.41	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Copper, Total	16		mg/kg	0.81	0.41	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Iron, Total	12000		mg/kg	4.1	1.6	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Lead, Total	7.9		mg/kg	4.1	0.24	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Magnesium, Total	2700		mg/kg	8.1	3.2	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Manganese, Total	270		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.02	1	04/24/13 13:40	04/24/13 16:09	EPA 7471B	1,7471B	TT
Nickel, Total	30		mg/kg	2.0	0.32	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Potassium, Total	680		mg/kg	200	65.	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Selenium, Total	0.36	J	mg/kg	1.6	0.24	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Sodium, Total	170		mg/kg	160	65.	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Thallium, Total	0.52	J	mg/kg	1.6	0.49	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Vanadium, Total	24		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG
Zinc, Total	29		mg/kg	4.1	0.41	2	04/23/13 15:20	04/25/13 12:49	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-02  
 Client ID: SB-1103 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 89%

Date Collected: 04/19/13 09:00  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	7500		mg/kg	8.8	1.8	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Antimony, Total	1.0	J	mg/kg	4.4	0.88	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Arsenic, Total	3.4		mg/kg	0.88	0.26	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Barium, Total	24		mg/kg	0.88	0.26	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Beryllium, Total	0.47		mg/kg	0.44	0.04	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.88	0.05	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Calcium, Total	3600		mg/kg	8.8	1.8	2	04/23/13 15:20	04/25/13 18:10	EPA 3050B	1,6010C	MG
Chromium, Total	14		mg/kg	0.88	0.18	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Cobalt, Total	5.9		mg/kg	1.8	0.44	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Copper, Total	9.4		mg/kg	0.88	0.44	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Iron, Total	12000		mg/kg	4.4	1.8	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Lead, Total	6.0		mg/kg	4.4	0.26	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Magnesium, Total	2600		mg/kg	8.8	3.5	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Manganese, Total	310		mg/kg	0.88	0.18	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	04/24/13 13:40	04/24/13 16:13	EPA 7471B	1,7471B	TT
Nickel, Total	30		mg/kg	2.2	0.35	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Potassium, Total	450		mg/kg	220	70.	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Selenium, Total	0.76	J	mg/kg	1.8	0.26	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.18	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Sodium, Total	170	J	mg/kg	180	70.	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Thallium, Total	0.68	J	mg/kg	1.8	0.53	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Vanadium, Total	17		mg/kg	0.88	0.18	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG
Zinc, Total	24		mg/kg	4.4	0.44	2	04/23/13 15:20	04/25/13 12:52	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-03  
 Client ID: SB-1702 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 94%

Date Collected: 04/19/13 09:10  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	5400		mg/kg	8.3	1.7	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Antimony, Total	0.90	J	mg/kg	4.2	0.83	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Arsenic, Total	1.2		mg/kg	0.83	0.25	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Barium, Total	27		mg/kg	0.83	0.25	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Beryllium, Total	0.33	J	mg/kg	0.42	0.03	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.83	0.05	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Calcium, Total	620		mg/kg	8.3	1.7	2	04/23/13 15:20	04/25/13 18:12	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.83	0.17	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Cobalt, Total	4.1		mg/kg	1.7	0.42	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Copper, Total	10		mg/kg	0.83	0.42	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Iron, Total	11000		mg/kg	4.2	1.7	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Lead, Total	3.4	J	mg/kg	4.2	0.25	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Magnesium, Total	2200		mg/kg	8.3	3.3	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Manganese, Total	310		mg/kg	0.83	0.17	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	04/24/13 13:40	04/24/13 16:15	EPA 7471B	1,7471B	TT
Nickel, Total	16		mg/kg	2.1	0.33	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Potassium, Total	900		mg/kg	210	66.	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Selenium, Total	0.98	J	mg/kg	1.7	0.25	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.83	0.17	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Sodium, Total	140	J	mg/kg	170	66.	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Thallium, Total	0.64	J	mg/kg	1.7	0.50	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Vanadium, Total	19		mg/kg	0.83	0.17	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG
Zinc, Total	19		mg/kg	4.2	0.42	2	04/23/13 15:20	04/25/13 12:55	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-04  
 Client ID: SB-5401 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 95%

Date Collected: 04/19/13 09:50  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	3900		mg/kg	8.3	1.6	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.1	0.83	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Arsenic, Total	1.2		mg/kg	0.83	0.25	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Barium, Total	19		mg/kg	0.83	0.25	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Beryllium, Total	0.28	J	mg/kg	0.41	0.03	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.83	0.05	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Calcium, Total	1100		mg/kg	8.3	1.6	2	04/23/13 15:20	04/25/13 18:15	EPA 3050B	1,6010C	MG
Chromium, Total	9.6		mg/kg	0.83	0.16	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Cobalt, Total	4.3		mg/kg	1.6	0.41	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Copper, Total	10		mg/kg	0.83	0.41	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Iron, Total	8800		mg/kg	4.1	1.6	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Lead, Total	5.0		mg/kg	4.1	0.25	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Magnesium, Total	1800		mg/kg	8.3	3.3	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Manganese, Total	260		mg/kg	0.83	0.16	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.01	1	04/24/13 13:40	04/24/13 16:17	EPA 7471B	1,7471B	TT
Nickel, Total	22		mg/kg	2.1	0.33	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Potassium, Total	580		mg/kg	210	66.	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Selenium, Total	0.43	J	mg/kg	1.6	0.25	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.83	0.16	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Sodium, Total	79	J	mg/kg	160	66.	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Thallium, Total	0.50	J	mg/kg	1.6	0.50	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	0.83	0.16	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG
Zinc, Total	19		mg/kg	4.1	0.41	2	04/23/13 15:20	04/25/13 12:58	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-05  
 Client ID: SB-5402 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 92%

Date Collected: 04/19/13 10:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	9700		mg/kg	8.2	1.6	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Antimony, Total	1.2	J	mg/kg	4.1	0.82	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Arsenic, Total	3.3		mg/kg	0.82	0.25	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Barium, Total	27		mg/kg	0.82	0.25	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Beryllium, Total	0.52		mg/kg	0.41	0.03	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.82	0.05	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Calcium, Total	960		mg/kg	8.2	1.6	2	04/23/13 15:20	04/25/13 18:29	EPA 3050B	1,6010C	MG
Chromium, Total	27		mg/kg	0.82	0.16	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Cobalt, Total	6.4		mg/kg	1.6	0.41	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Copper, Total	13		mg/kg	0.82	0.41	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Iron, Total	13000		mg/kg	4.1	1.6	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Lead, Total	16		mg/kg	4.1	0.25	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Magnesium, Total	3200		mg/kg	8.2	3.3	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Manganese, Total	290		mg/kg	0.82	0.16	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	04/24/13 13:40	04/24/13 16:19	EPA 7471B	1,7471B	TT
Nickel, Total	34		mg/kg	2.0	0.33	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Potassium, Total	580		mg/kg	200	66.	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Selenium, Total	0.98	J	mg/kg	1.6	0.25	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.82	0.16	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Sodium, Total	ND		mg/kg	160	66.	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Thallium, Total	0.84	J	mg/kg	1.6	0.49	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Vanadium, Total	23		mg/kg	0.82	0.16	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG
Zinc, Total	27		mg/kg	4.1	0.41	2	04/23/13 15:20	04/25/13 13:14	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-06  
 Client ID: SB-1701 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 93%

Date Collected: 04/19/13 11:45  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4700		mg/kg	8.1	1.6	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Antimony, Total	0.86	J	mg/kg	4.1	0.81	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Arsenic, Total	1.3		mg/kg	0.81	0.24	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Barium, Total	24		mg/kg	0.81	0.24	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Beryllium, Total	0.31	J	mg/kg	0.41	0.03	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.81	0.05	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Calcium, Total	4500		mg/kg	8.1	1.6	2	04/23/13 15:20	04/25/13 18:32	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Cobalt, Total	3.9		mg/kg	1.6	0.41	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Copper, Total	9.5		mg/kg	0.81	0.41	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Iron, Total	10000		mg/kg	4.1	1.6	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Lead, Total	6.4		mg/kg	4.1	0.24	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Magnesium, Total	4000		mg/kg	8.1	3.2	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Manganese, Total	240		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.02	1	04/24/13 13:40	04/24/13 16:20	EPA 7471B	1,7471B	TT
Nickel, Total	15		mg/kg	2.0	0.32	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Potassium, Total	450		mg/kg	200	65.	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Selenium, Total	0.77	J	mg/kg	1.6	0.24	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Sodium, Total	89	J	mg/kg	160	65.	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Thallium, Total	0.64	J	mg/kg	1.6	0.49	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Vanadium, Total	15		mg/kg	0.81	0.16	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG
Zinc, Total	19		mg/kg	4.1	0.41	2	04/23/13 15:20	04/25/13 13:17	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

Lab ID: L1307030-07  
 Client ID: SB-1502 (10-12')  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil  
 Percent Solids: 95%

Date Collected: 04/19/13 12:30  
 Date Received: 04/19/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	4000		mg/kg	8.4	1.7	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.2	0.84	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Arsenic, Total	1.4		mg/kg	0.84	0.25	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Barium, Total	22		mg/kg	0.84	0.25	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Beryllium, Total	0.30	J	mg/kg	0.42	0.03	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.84	0.05	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Calcium, Total	840		mg/kg	8.4	1.7	2	04/23/13 15:20	04/25/13 18:34	EPA 3050B	1,6010C	MG
Chromium, Total	10		mg/kg	0.84	0.17	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Cobalt, Total	3.8		mg/kg	1.7	0.42	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Copper, Total	11		mg/kg	0.84	0.42	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Iron, Total	12000		mg/kg	4.2	1.7	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Lead, Total	4.9		mg/kg	4.2	0.25	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Magnesium, Total	1500		mg/kg	8.4	3.3	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Manganese, Total	280		mg/kg	0.84	0.17	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	04/24/13 13:40	04/24/13 16:22	EPA 7471B	1,7471B	TT
Nickel, Total	15		mg/kg	2.1	0.33	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Potassium, Total	400		mg/kg	210	67.	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Selenium, Total	0.90	J	mg/kg	1.7	0.25	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.84	0.17	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Sodium, Total	110	J	mg/kg	170	67.	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Thallium, Total	0.76	J	mg/kg	1.7	0.50	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Vanadium, Total	16		mg/kg	0.84	0.17	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG
Zinc, Total	19		mg/kg	4.2	0.42	2	04/23/13 15:20	04/25/13 13:20	EPA 3050B	1,6010C	MG



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-07 Batch: WG603426-1										
Aluminum, Total	0.90	J	mg/kg	4.0	0.80	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.40	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.12	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.02	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.02	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	0.80	1	04/23/13 15:20	04/25/13 17:20	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.20	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Iron, Total	1.5	J	mg/kg	2.0	0.80	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.12	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	1.6	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Potassium, Total	ND		mg/kg	100	32.	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Selenium, Total	0.13	J	mg/kg	0.80	0.12	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Sodium, Total	ND		mg/kg	80	32.	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.24	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.08	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.20	1	04/23/13 15:20	04/25/13 10:56	1,6010C	MG

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-07 Batch: WG603567-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	04/24/13 13:40	04/24/13 15:51	1,7471B	TT



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

## Method Blank Analysis Batch Quality Control

### Prep Information

---

Digestion Method: EPA 7471B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307030

**Report Date:** 04/26/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG603426-2 SRM Lot Number: 0518-10-02								
Aluminum, Total	104		-		29-171	-		
Antimony, Total	117		-		4-196	-		
Arsenic, Total	104		-		81-119	-		
Barium, Total	104		-		83-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Calcium, Total	95		-		83-117	-		
Chromium, Total	101		-		80-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	109		-		83-117	-		
Iron, Total	101		-		51-150	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	101		-		74-126	-		
Manganese, Total	100		-		83-117	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	99		-		74-126	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	108		-		66-134	-		
Sodium, Total	117		-		74-127	-		
Thallium, Total	101		-		79-120	-		
Vanadium, Total	98		-		79-121	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307030

**Report Date:** 04/26/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG603426-2 SRM Lot Number: 0518-10-02					
Zinc, Total	100	-	82-119	-	
Total Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG603567-2 SRM Lot Number: 0518-10-02					
Mercury, Total	108	-	67-133	-	

## Matrix Spike Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Lab Number:** L1307030

**Project Number:** 2283.0001Y000

**Report Date:** 04/26/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603426-4 QC Sample: L1307025-01 Client ID: MS Sample												
Aluminum, Total	32000	189	41000	4770	Q	-	-		75-125	-		35
Antimony, Total	3.1J	47.2	41	87		-	-		75-125	-		35
Arsenic, Total	8.7	11.3	21	108		-	-		75-125	-		35
Barium, Total	41.	189	240	105		-	-		75-125	-		35
Beryllium, Total	0.63	4.72	5.5	103		-	-		75-125	-		35
Cadmium, Total	ND	4.81	44	91		-	-		75-125	-		35
Calcium, Total	980	944	1900	97		-	-		75-125	-		35
Chromium, Total	43.	18.9	67	127	Q	-	-		75-125	-		35
Cobalt, Total	2.2	47.2	50	101		-	-		75-125	-		35
Copper, Total	9.2	23.6	36	114		-	-		75-125	-		35
Iron, Total	32000	94.4	35000	3180	Q	-	-		75-125	-		35
Lead, Total	8.5	48.1	58	103		-	-		75-125	-		35
Magnesium, Total	600	944	1700	116		-	-		75-125	-		35
Manganese, Total	40.	47.2	87	100		-	-		75-125	-		35
Nickel, Total	9.2	47.2	56	99		-	-		75-125	-		35
Potassium, Total	1100	944	2400	138	Q	-	-		75-125	-		35
Selenium, Total	0.80JB	11.3	11	97		-	-		75-125	-		35
Silver, Total	ND	28.3	32	113		-	-		75-125	-		35
Sodium, Total	170J	944	1300	138	Q	-	-		75-125	-		35
Thallium, Total	2.2	11.3	13	95		-	-		75-125	-		35
Vanadium, Total	61.	47.2	110	104		-	-		75-125	-		35

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Lab Number:** L1307030

**Project Number:** 2283.0001Y000

**Report Date:** 04/26/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603426-4 QC Sample: L1307025-01 Client ID: MS Sample									
Zinc, Total	13.	47.2	62	104	-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603567-4 QC Sample: L1307052-01 Client ID: MS Sample									
Mercury, Total	ND	0.155	0.16	103	-	-	70-130	-	35

## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307030

Report Date: 04/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603426-3 QC Sample: L1307025-01 Client ID: DUP Sample						
Aluminum, Total	32000	35000	mg/kg	9		35
Antimony, Total	3.1J	3.2J	mg/kg	NC		35
Arsenic, Total	8.7	9.2	mg/kg	6		35
Barium, Total	41.	42	mg/kg	2		35
Beryllium, Total	0.63	0.65	mg/kg	3		35
Cadmium, Total	ND	ND	mg/kg	NC		35
Chromium, Total	43.	46	mg/kg	7		35
Cobalt, Total	2.2	2.7	mg/kg	20		35
Copper, Total	9.2	11	mg/kg	18		35
Iron, Total	32000	35000	mg/kg	9		35
Lead, Total	8.5	9.2	mg/kg	8		35
Magnesium, Total	600	680	mg/kg	13		35
Manganese, Total	40.	44	mg/kg	10		35
Nickel, Total	9.2	9.8	mg/kg	6		35
Potassium, Total	1100	1100	mg/kg	0		35
Selenium, Total	0.80JB	1.1J	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	170J	160J	mg/kg	NC		35
Thallium, Total	2.2	1.9	mg/kg	15		35

**Lab Duplicate Analysis**  
**Batch Quality Control**

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
<b>Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603426-3 QC Sample: L1307025-01 Client ID: DUP Sample</b>					
Vanadium, Total	61.	64	mg/kg	5	35
Zinc, Total	13.	14	mg/kg	7	35
<b>Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603426-3 QC Sample: L1307025-01 Client ID: DUP Sample</b>					
Calcium, Total	980	1100	mg/kg	12	35
<b>Total Metals - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG603567-3 QC Sample: L1307052-01 Client ID: DUP Sample</b>					
Mercury, Total	ND	ND	mg/kg	NC	35



# **INORGANICS & MISCELLANEOUS**

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-01

Date Collected: 04/19/13 08:30

Client ID: SB-1102 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307030

Project Number: 2283.0001Y000

Report Date: 04/26/13

## SAMPLE RESULTS

Lab ID: L1307030-02

Date Collected: 04/19/13 09:00

Client ID: SB-1103 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-03

Date Collected: 04/19/13 09:10

Client ID: SB-1702 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-04

Date Collected: 04/19/13 09:50

Client ID: SB-5401 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.3		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-05

Date Collected: 04/19/13 10:30

Client ID: SB-5402 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307030**Project Number:** 2283.0001Y000**Report Date:** 04/26/13**SAMPLE RESULTS**

Lab ID: L1307030-06

Date Collected: 04/19/13 11:45

Client ID: SB-1701 (10-12')

Date Received: 04/19/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**SAMPLE RESULTS**

**Lab ID:** L1307030-07  
**Client ID:** SB-1502 (10-12')  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Soil

**Date Collected:** 04/19/13 12:30  
**Date Received:** 04/19/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	04/21/13 10:44	30,2540G	TA



## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307030

Report Date: 04/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG602924-1 QC Sample: L1307016-33 Client ID: DUP Sample						
Solids, Total	79.0	75.4	%	5		20

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** 04/20/2013 00:20

#### Cooler Information Custody Seal

##### Cooler

A Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307030-01A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-01B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-01C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-01D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-01E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-01F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-01G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-01H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-01I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-02A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-02B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-02C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-02D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307030-02E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-02F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-02G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-02H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-02I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-03A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-03B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-03C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-03D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-03E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-03F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-03G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-03H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307030-03I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-04A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-04B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-04C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-04D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-04E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-04F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-04G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-04H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-04I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-05A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-05B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-05C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-05D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-05E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-05F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307030-05G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-05H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-05I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-06A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-06B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-06C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-06D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-06E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-06F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-06G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-06H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307030-06I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-07A	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-07B	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-07C	5 gram Encore Sampler	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(2)
L1307030-07D	Vial MeOH preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-07E	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-07F	Vial Water preserved split	A	N/A	4.0	Y	Absent	NYTCL-8260HLW(14)
L1307030-07G	Plastic 2oz unpreserved for TS	A	N/A	4.0	Y	Absent	TS(7)
L1307030-07H	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-07I	Amber 250ml unpreserved	A	N/A	4.0	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1307030-08A	Vial HCl preserved	A	N/A	4.0	Y	Absent	NYTCL-8260(14)
L1307030-08B	Vial HCl preserved	A	N/A	4.0	Y	Absent	NYTCL-8260(14)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

**Report Format:** DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

**Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307030  
**Report Date:** 04/26/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; Colilert, SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:*, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commission on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methyl naphthalenes, Total Dimethyl naphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.



# CHAIN OF CUSTODY

PAGE 1 OF       

WESTBORO, MA      MANSFIELD, MA  
 TEL: 508-898-9220    TEL: 508-822-9300  
 FAX: 508-898-9193    FAX: 508-822-3288

### Project Information

Project Name: *The Doe Fund - Rogers Ave*Project Location: *Brooklyn, NY*Project #: *2283.0001Y000*Project Manager: *Jessica Taylor*

ALPHA Quote #:

### Turn-Around Time

 Standard       RUSH (only confirmed if pre-approved!)Date Due: *4/26/13*      Time:Date Rec'd in Lab: *4/19/13*ALPHA Job #: *L1307030*

### Report Information - Data Deliverables

 FAX       EMAIL  
 ADEX       Add'l Deliverables

### Billing Information

 Same as Client info      PO #:

### Client Information

Client: *Roux Associates, Inc.*Address: *209 Shatter Street**Flandria, NY 11749*Phone: *(631) 232-2600*Fax: *(631) 232-9898*Email: *jtaylor@rouxinc.com* These samples have been previously analyzed by Alpha

### Other Project Specific Requirements/Comments/Detection Limits:

### Regulatory Requirements/Report Limits

State /Fed Program      Criteria

ANALYSIS	SAMPLE HANDLING				TOTAL # BOTTLES
	SVOCs #10 Method 8260	PAH/ROB Method 8270	TAL Metals Method 8081/8082	TAL Metals Method 8090/8091/8092	
07030-01	X	X	X	X	6
-02	X	X	X	X	6
-03	X	X	X	X	6
-04	X	X	X	X	6
-05	X	X	X	X	6
-06	X	X	X	X	6
-07	X	X	X	X	6
-08	X				2
Temp Blank					1

### SAMPLE HANDLING

- Filtration \_\_\_\_\_
- Done
  - Not needed
  - Lab to do
  - Preservation
  - Lab to do
- (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			SVOCs #10 Method 8260	PAH/ROB Method 8270	TAL Metals Method 8081/8082	TAL Metals Method 8090/8091/8092		
07030-01	SB-1102 (10-12')	4/19/13	0830	S	CA	X	X	X	X		6
-02	SB-1103 (10-12')	4/19/13	0900	S	CA	X	X	X	X		6
-03	SB-1702 (10-12')	4/19/13	0910	S	CA	X	X	X	X		6
-04	SB-5401 (10-12')	4/19/13	0950	S	CA	X	X	X	X		6
-05	SB-5402 (10-12')	4/19/13	1030	S	CA	X	X	X	X		6
-06	SB-1701 (10-12')	4/19/13	1145	S	CA	X	X	X	X		6
-07	SB-1502 (10-12')	4/19/13	1230	S	CA	X	X	X	X		6
-08	Trip Blank	4/16/13		Aq	SAW	X					2
	Temp Blank										1

Container Type  
 Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Steve Moore</i>	<i>4/19/13 1340</i>	<i>Steve Moore</i>	<i>4/19/13 1340</i>
	<i>4/19/13 23:50</i>		<i>4/19/13 23:50</i>



## ANALYTICAL REPORT

Lab Number:	L1307117
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND ROGERS AVE.
Project Number:	2283.0001Y000
Report Date:	04/29/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1307117-01	FIELD BLANK	BROOKLYN, NY	04/22/13 12:30
L1307117-02	TRIP BLANK	BROOKLYN, NY	04/22/13 00:00
L1307117-03	MW-4	BROOKLYN, NY	04/22/13 14:45

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

---

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

Containers for Total Cyanide were received for the "FIELD BLANK" and "MW-4" samples, but were not listed on the chain of custody. The analysis was not performed, at the client's request.

#### Volatile Organics

L1307117-01: The Field Blank has results for Trichloroethene, Acetone and 2-Butanone present below the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1307117-02: The Trip Blank has results for Trichloroethene, Acetone and 2-Butanone present below the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

#### Dissolved Metals

The WG603981-4 MS recovery, performed on L1307117-03, is below the acceptance criteria for Calcium (65%). A post digestion spike was performed with an acceptable recovery of 112%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 04/29/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/27/13 15:24  
 Analyst: PD

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.23	J	ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.7	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.1	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-02  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/27/13 15:49  
 Analyst: PD

Date Collected: 04/22/13 00:00  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.17	J	ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-02  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 00:00  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.6	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-02  
 Client ID: TRIP BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 00:00  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/27/13 16:15  
 Analyst: PD

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.24	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/27/13 13:18  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG604510-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/27/13 13:18  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG604510-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/27/13 13:18  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG604510-3					
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.38
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.54
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.38
1,4-Dioxane	ND		ug/l	250	76.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.63

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/27/13 13:18  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG604510-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1307117

Report Date: 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG604510-1 WG604510-2								
Methylene chloride	84		84		70-130	0		20
1,1-Dichloroethane	89		90		70-130	1		20
Chloroform	93		94		70-130	1		20
2-Chloroethylvinyl ether	79		80		70-130	1		20
Carbon tetrachloride	95		94		63-132	1		20
1,2-Dichloropropane	87		88		70-130	1		20
Dibromochloromethane	99		101		63-130	2		20
1,1,2-Trichloroethane	96		99		70-130	3		20
Tetrachloroethene	102		104		70-130	2		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	94		94		62-150	0		20
1,2-Dichloroethane	91		93		70-130	2		20
1,1,1-Trichloroethane	93		92		67-130	1		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	95		98		70-130	3		20
cis-1,3-Dichloropropene	88		91		70-130	3		20
1,1-Dichloropropene	89		89		70-130	0		20
Bromoform	96		103		54-136	7		20
1,1,2,2-Tetrachloroethane	99		102		67-130	3		20
Benzene	89		90		70-130	1		20
Toluene	99		98		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG604510-1 WG604510-2								
Ethylbenzene	97		99		70-130	2		20
Chloromethane	88		90		64-130	2		20
Bromomethane	79		81		39-139	3		20
Vinyl chloride	86		84		55-140	2		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	92		93		61-145	1		20
trans-1,2-Dichloroethene	91		91		70-130	0		20
Trichloroethene	88		88		70-130	0		20
1,2-Dichlorobenzene	98		103		70-130	5		20
1,3-Dichlorobenzene	101		104		70-130	3		20
1,4-Dichlorobenzene	101		104		70-130	3		20
Methyl tert butyl ether	85		88		63-130	3		20
p/m-Xylene	100		101		70-130	1		20
o-Xylene	100		101		70-130	1		20
cis-1,2-Dichloroethene	91		92		70-130	1		20
Dibromomethane	92		96		70-130	4		20
1,2,3-Trichloropropane	102		109		64-130	7		20
Acrylonitrile	85		87		70-130	2		20
Isopropyl Ether	83		85		70-130	2		20
tert-Butyl Alcohol	82		84		70-130	2		20
Styrene	100		102		70-130	2		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG604510-1 WG604510-2								
Dichlorodifluoromethane	80		80		36-147	0		20
Acetone	77		83		58-148	8		20
Carbon disulfide	86		85		51-130	1		20
2-Butanone	67		74		63-138	10		20
Vinyl acetate	80		83		70-130	4		20
4-Methyl-2-pentanone	84		87		59-130	4		20
2-Hexanone	80		86		57-130	7		20
Bromochloromethane	96		98		70-130	2		20
2,2-Dichloropropane	93		92		63-133	1		20
1,2-Dibromoethane	96		100		70-130	4		20
1,3-Dichloropropane	96		98		70-130	2		20
1,1,1,2-Tetrachloroethane	99		101		64-130	2		20
Bromobenzene	102		105		70-130	3		20
n-Butylbenzene	102		102		53-136	0		20
sec-Butylbenzene	102		103		70-130	1		20
tert-Butylbenzene	101		102		70-130	1		20
o-Chlorotoluene	78		102		70-130	27	Q	20
p-Chlorotoluene	99		101		70-130	2		20
1,2-Dibromo-3-chloropropane	95		97		41-144	2		20
Hexachlorobutadiene	101		102		63-130	1		20
Isopropylbenzene	101		102		70-130	1		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307117

**Report Date:** 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG604510-1 WG604510-2								
p-Isopropyltoluene	102		103		70-130	1		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	100		101		69-130	1		20
1,2,3-Trichlorobenzene	94		98		70-130	4		20
1,2,4-Trichlorobenzene	97		100		70-130	3		20
1,3,5-Trimethylbenzene	102		104		64-130	2		20
1,2,4-Trimethylbenzene	102		103		70-130	1		20
Methyl Acetate	84		85		70-130	1		20
Ethyl Acetate	78		80		70-130	3		20
Cyclohexane	84		84		70-130	0		20
Ethyl-Tert-Butyl-Ether	86		88		70-130	2		20
Tertiary-Amyl Methyl Ether	86		89		66-130	3		20
1,4-Dioxane	84		88		56-162	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		90		70-130	1		20
1,4-Diethylbenzene	98		100		70-130	2		20
4-Ethyltoluene	100		101		70-130	1		20
1,2,4,5-Tetramethylbenzene	97		99		70-130	2		20
Ethyl ether	85		88		59-134	3		20
trans-1,4-Dichloro-2-butene	85		86		70-130	1		20
Methyl cyclohexane	87		86		70-130	1		20

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG604510-1 WG604510-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	100		101		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/24/13 23:16  
 Analyst: RC

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/23/13 20:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	108		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/24/13 20:08  
 Analyst: AS

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/23/13 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	73		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/24/13 23:42  
 Analyst: RC

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/23/13 20:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	87		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/24/13 20:38  
 Analyst: AS

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/23/13 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.09	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.08	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	78		41-149

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis  
Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 04/24/13 13:59  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/23/13 20:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG603517-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 04/24/13 13:59  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/23/13 20:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG603517-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

Tentatively Identified Compounds

Unknown	4.4	J	ug/l
---------	-----	---	------

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**Method Blank Analysis  
Batch Quality Control**Analytical Method: 1,8270D  
Analytical Date: 04/24/13 13:59  
Analyst: RCExtraction Method: EPA 3510C  
Extraction Date: 04/23/13 20:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG603517-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	98		41-149

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/24/13 16:43  
 Analyst: AS

Extraction Method: EPA 3510C  
 Extraction Date: 04/23/13 20:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03 Batch: WG603518-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D-SIM

Extraction Method: EPA 3510C

Analytical Date: 04/24/13 16:43

Extraction Date: 04/23/13 20:39

Analyst: AS

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03 Batch: WG603518-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	97		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG603517-2 WG603517-3								
1,2,4-Trichlorobenzene	73		64		39-98	13		30
Bis(2-chloroethyl)ether	92		92		40-140	0		30
1,2-Dichlorobenzene	70		66		40-140	6		30
1,3-Dichlorobenzene	66		61		40-140	8		30
1,4-Dichlorobenzene	67		62		36-97	8		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	102	Q	100	Q	24-96	2		30
2,6-Dinitrotoluene	103		105		40-140	2		30
4-Chlorophenyl phenyl ether	99		94		40-140	5		30
4-Bromophenyl phenyl ether	104		100		40-140	4		30
Bis(2-chloroisopropyl)ether	92		90		40-140	2		30
Bis(2-chloroethoxy)methane	98		98		40-140	0		30
Hexachlorocyclopentadiene	44		32	Q	40-140	32	Q	30
Isophorone	103		105		40-140	2		30
Nitrobenzene	97		99		40-140	2		30
NitrosoDiPhenylAmine(NDPA)/DPA	105		103		40-140	2		30
n-Nitrosodi-n-propylamine	103		102		29-132	1		30
Bis(2-Ethylhexyl)phthalate	103		101		40-140	2		30
Butyl benzyl phthalate	100		98		40-140	2		30
Di-n-butylphthalate	110		106		40-140	4		30
Di-n-octylphthalate	90		89		40-140	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG603517-2 WG603517-3								
Diethyl phthalate	111		108		40-140	3		30
Dimethyl phthalate	105		105		40-140	0		30
Biphenyl	90		81			11		30
4-Chloroaniline	55		48		40-140	14		30
2-Nitroaniline	97		97		52-143	0		30
3-Nitroaniline	72		64		25-145	12		30
4-Nitroaniline	105		101		51-143	4		30
Dibenzofuran	96		90		40-140	6		30
1,2,4,5-Tetrachlorobenzene	82		70		2-134	16		30
Acetophenone	107		106		39-129	1		30
2,4,6-Trichlorophenol	100		100		30-130	0		30
P-Chloro-M-Cresol	111	Q	110	Q	23-97	1		30
2-Chlorophenol	95		97		27-123	2		30
2,4-Dichlorophenol	103		105		30-130	2		30
2,4-Dimethylphenol	103		103		30-130	0		30
2-Nitrophenol	93		95		30-130	2		30
4-Nitrophenol	70		66		10-80	6		30
2,4-Dinitrophenol	86		84		20-130	2		30
4,6-Dinitro-o-cresol	98		95		20-164	3		30
Phenol	55		53		12-110	4		30
2-Methylphenol	97		97		30-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG603517-2 WG603517-3								
3-Methylphenol/4-Methylphenol	95		93		30-130	2		30
2,4,5-Trichlorophenol	101		98		30-130	3		30
Benzoic Acid	57		53			7		30
Benzyl Alcohol	86		88			2		30
Carbazole	110		108		55-144	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		78		21-120
Phenol-d6	58		57		10-120
Nitrobenzene-d5	102		105		23-120
2-Fluorobiphenyl	98		98		15-120
2,4,6-Tribromophenol	95		95		10-120
4-Terphenyl-d14	108		109		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03 Batch: WG603518-2 WG603518-3								
Acenaphthene	81		74		37-111	9		40
2-Chloronaphthalene	79		73		40-140	8		40
Fluoranthene	75		71		40-140	5		40
Hexachlorobutadiene	70		66		40-140	6		40
Naphthalene	75		71		40-140	5		40
Benzo(a)anthracene	86		81		40-140	6		40
Benzo(a)pyrene	85		82		40-140	4		40
Benzo(b)fluoranthene	84		81		40-140	4		40
Benzo(k)fluoranthene	92		88		40-140	4		40
Chrysene	82		78		40-140	5		40
Acenaphthylene	81		77		40-140	5		40
Anthracene	82		75		40-140	9		40
Benzo(ghi)perylene	86		81		40-140	6		40
Fluorene	89		87		40-140	2		40
Phenanthrene	63		59		40-140	7		40
Dibenzo(a,h)anthracene	87		82		40-140	6		40
Indeno(1,2,3-cd)Pyrene	87		83		40-140	5		40
Pyrene	72		68		26-127	6		40
2-Methylnaphthalene	76		74		40-140	3		40
Pentachlorophenol	63		60		9-103	5		40
Hexachlorobenzene	61		56		40-140	9		40

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03 Batch: WG603518-2 WG603518-3								
Hexachloroethane	77		71		40-140	8		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		58		21-120
Phenol-d6	49		43		10-120
Nitrobenzene-d5	93		88		23-120
2-Fluorobiphenyl	82		81		15-120
2,4,6-Tribromophenol	96		92		10-120
4-Terphenyl-d14	80		76		41-149

# PCBS

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 15:33  
 Analyst: KB

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	48		30-150
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	40		30-150

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

**Lab ID:** L1307117-03  
**Client ID:** MW-4  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 04/25/13 15:51  
**Analyst:** KB

**Date Collected:** 04/22/13 14:45  
**Date Received:** 04/22/13  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/24/13 18:38  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 04/25/13  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	95		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	73		30-150

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 14:43  
 Analyst: KB

Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG603798-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	91		30-150
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	82		30-150



## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG603798-2 WG603798-3								
Aroclor 1016	66		82		40-140	21		50
Aroclor 1260	78		84		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		67		30-150
Decachlorobiphenyl	89		92		30-150
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150
Decachlorobiphenyl	79		77		30-150

# PESTICIDES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 13:20  
 Analyst: BW

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	54		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03  
 Client ID: MW-4  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 13:32  
 Analyst: BW

Date Collected: 04/22/13 14:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	82		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/26/13 13:07  
Analyst: BW

Extraction Method: EPA 3510C  
Extraction Date: 04/25/13 02:03  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG603860-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
cis-Chlordane	ND		ug/l	0.020	0.007
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	91		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307117

Project Number: 2283.0001Y000

Report Date: 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG603860-2 WG603860-3								
Delta-BHC	98		105		30-150	7		20
Lindane	100		115		30-150	14		20
Alpha-BHC	104		110		30-150	6		20
Beta-BHC	110		114		30-150	4		20
Heptachlor	104		115		30-150	10		20
Aldrin	100		112		30-150	12		20
Heptachlor epoxide	104		113		30-150	8		20
Endrin	114		126		30-150	10		20
Endrin ketone	85		94		30-150	10		20
Dieldrin	105		116		30-150	10		20
4,4'-DDE	103		112		30-150	8		20
4,4'-DDD	95		105		30-150	10		20
4,4'-DDT	102		112		30-150	9		20
Endosulfan I	103		113		30-150	9		20
Endosulfan II	92		101		30-150	10		20
Endosulfan sulfate	65		80		30-150	21	Q	20
Methoxychlor	109		120		30-150	10		20
cis-Chlordane	104		114		30-150	9		20
trans-Chlordane	107		115		30-150	7		20

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG603860-2 WG603860-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	A
Decachlorobiphenyl	79		51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		88		30-150	B
Decachlorobiphenyl	93		65		30-150	B

## METALS

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**SAMPLE RESULTS**

Lab ID: L1307117-01  
 Client ID: FIELD BLANK  
 Sample Location: BROOKLYN, NY  
 Matrix: Water

Date Collected: 04/22/13 12:30  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	ND		mg/l	0.0100	0.00200	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Antimony, Total	0.00020	J	mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Arsenic, Total	ND		mg/l	0.00050	0.00020	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Barium, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Cadmium, Total	ND		mg/l	0.00050	0.00005	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Calcium, Total	ND		mg/l	0.100	0.0320	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Chromium, Total	ND		mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Cobalt, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Copper, Total	ND		mg/l	0.00100	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Iron, Total	ND		mg/l	0.0500	0.0130	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Lead, Total	ND		mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.0230	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Manganese, Total	0.00011	J	mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 11:12	EPA 7470A	1,7470A	JH
Nickel, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.0270	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Selenium, Total	ND		mg/l	0.00500	0.00030	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Sodium, Total	ND		mg/l	0.150	0.0150	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Vanadium, Total	ND		mg/l	0.00500	0.00010	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
Zinc, Total	ND		mg/l	0.01000	0.00120	1	04/23/13 11:18	04/24/13 12:18	EPA 3005A	1,6020A	AK
<b>Dissolved Metals - Westborough Lab</b>											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00200	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Antimony, Dissolved	0.00095	J	mg/l	0.00150	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Arsenic, Dissolved	ND		mg/l	0.00050	0.00020	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Barium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Cadmium, Dissolved	ND		mg/l	0.00050	0.00005	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**SAMPLE RESULTS**

**Lab ID:** L1307117-01  
**Client ID:** FIELD BLANK  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 12:30  
**Date Received:** 04/22/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Chromium, Dissolved	ND		mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Cobalt, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Copper, Dissolved	ND		mg/l	0.00100	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Magnesium, Dissolved	ND		mg/l	0.100	0.0230	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Manganese, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 10:41	EPA 7470A	1,7470A	JH
Nickel, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Potassium, Dissolved	ND		mg/l	0.100	0.0270	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Selenium, Dissolved	ND		mg/l	0.00500	0.00030	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Silver, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Sodium, Dissolved	ND		mg/l	0.100	0.0150	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Vanadium, Dissolved	ND		mg/l	0.00500	0.00010	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK
Zinc, Dissolved	0.00149	J	mg/l	0.01500	0.00120	1	04/23/13 14:00	04/25/13 14:45	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**SAMPLE RESULTS**

**Lab ID:** L1307117-03  
**Client ID:** MW-4  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 14:45  
**Date Received:** 04/22/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	0.0246		mg/l	0.0100	0.00200	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Antimony, Total	0.00064		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Arsenic, Total	0.00033	J	mg/l	0.00050	0.00020	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Barium, Total	0.05907		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Cadmium, Total	0.00006	J	mg/l	0.00050	0.00005	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Calcium, Total	30.4		mg/l	0.100	0.0320	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Chromium, Total	0.00054	J	mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Cobalt, Total	0.00110		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Copper, Total	0.00063	J	mg/l	0.00100	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Iron, Total	0.0662		mg/l	0.0500	0.0130	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Lead, Total	ND		mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Magnesium, Total	5.20		mg/l	0.100	0.0230	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Manganese, Total	0.2749		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 11:18	EPA 7470A	1,7470A	JH
Nickel, Total	0.03918		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Potassium, Total	5.53		mg/l	0.100	0.0270	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Selenium, Total	0.00162	J	mg/l	0.00500	0.00030	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Vanadium, Total	0.00062	J	mg/l	0.00500	0.00010	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
Zinc, Total	0.00124	J	mg/l	0.01000	0.00120	1	04/23/13 11:18	04/24/13 12:56	EPA 3005A	1,6020A	AK
<b>Dissolved Metals - Westborough Lab</b>											
Aluminum, Dissolved	0.00256	J	mg/l	0.0100	0.00200	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Antimony, Dissolved	0.00054	J	mg/l	0.00150	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Arsenic, Dissolved	0.00026	J	mg/l	0.00050	0.00020	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Barium, Dissolved	0.05773		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Cadmium, Dissolved	0.00007	J	mg/l	0.00050	0.00005	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Calcium, Dissolved	30.5		mg/l	0.100	0.0320	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**SAMPLE RESULTS**

**Lab ID:** L1307117-03  
**Client ID:** MW-4  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 14:45  
**Date Received:** 04/22/13  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Chromium, Dissolved	0.00044	J	mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Cobalt, Dissolved	0.00111		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Copper, Dissolved	0.00055	J	mg/l	0.00100	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Magnesium, Dissolved	5.30		mg/l	0.100	0.0230	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Manganese, Dissolved	0.2750		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 10:42	EPA 7470A	1,7470A	JH
Nickel, Dissolved	0.03907		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Potassium, Dissolved	5.65		mg/l	0.100	0.0270	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Selenium, Dissolved	0.00150	J	mg/l	0.00500	0.00030	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Silver, Dissolved	0.00011	J	mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Vanadium, Dissolved	0.00043	J	mg/l	0.00500	0.00010	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK
Zinc, Dissolved	0.00936	J	mg/l	0.01500	0.00120	1	04/23/13 14:00	04/25/13 14:51	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307117**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307117-03 D

Date Collected: 04/22/13 14:45

Client ID: MW-4

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
-----------	--------	-----------	-------	----	-----	-----------------	---------------	---------------	-------------	-------------------	---------

**Total Metals - Westborough Lab**

Sodium, Total	173.		mg/l	1.50	0.150	10	04/23/13 11:18	04/24/13 12:53	EPA 3005A	1,6020A	AK
---------------	------	--	------	------	-------	----	----------------	----------------	-----------	---------	----

**Dissolved Metals - Westborough Lab**

Sodium, Dissolved	172.		mg/l	1.00	0.150	10	04/23/13 14:00	04/25/13 15:03	NA	1,6020A	AK
-------------------	------	--	------	------	-------	----	----------------	----------------	----	---------	----



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03 Batch: WG603321-1										
Aluminum, Total	ND		mg/l	0.0100	0.00200	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Antimony, Total	0.00017	J	mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Arsenic, Total	ND		mg/l	0.00050	0.00020	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Barium, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Cadmium, Total	ND		mg/l	0.00050	0.00005	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Calcium, Total	0.0479	J	mg/l	0.100	0.0320	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Chromium, Total	ND		mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Cobalt, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Copper, Total	ND		mg/l	0.00100	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Iron, Total	ND		mg/l	0.0500	0.0130	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Lead, Total	ND		mg/l	0.00100	0.00020	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.0230	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Manganese, Total	0.00015	J	mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Nickel, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.0270	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Selenium, Total	ND		mg/l	0.00500	0.00030	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Sodium, Total	ND		mg/l	0.150	0.0150	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Vanadium, Total	ND		mg/l	0.00500	0.00010	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK
Zinc, Total	ND		mg/l	0.01000	0.00120	1	04/23/13 11:18	04/24/13 12:15	1,6020A	AK

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01,03 Batch: WG603460-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 10:20	1,7470A	JH



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,03 Batch: WG603464-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/23/13 18:33	04/24/13 11:05	1,7470A	JH

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01,03 Batch: WG603981-1										
Aluminum, Dissolved	0.00253	J	mg/l	0.0100	0.00200	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Antimony, Dissolved	0.00149	J	mg/l	0.00150	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Arsenic, Dissolved	ND		mg/l	0.00050	0.00020	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Barium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Cadmium, Dissolved	ND		mg/l	0.00050	0.00005	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Chromium, Dissolved	ND		mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Cobalt, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Copper, Dissolved	0.00013	J	mg/l	0.00100	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Iron, Dissolved	0.0148	J	mg/l	0.0500	0.0130	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Magnesium, Dissolved	ND		mg/l	0.100	0.0230	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Manganese, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Nickel, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Potassium, Dissolved	ND		mg/l	0.100	0.0270	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Selenium, Dissolved	ND		mg/l	0.00500	0.00030	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Silver, Dissolved	ND		mg/l	0.00050	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Sodium, Dissolved	ND		mg/l	0.100	0.0150	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
Vanadium, Dissolved	ND		mg/l	0.00500	0.00010	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

## Method Blank Analysis Batch Quality Control

---

Zinc, Dissolved	0.01190	J	mg/l	0.01500	0.00120	1	04/23/13 14:00	04/25/13 14:41	1,6020A	AK
-----------------	---------	---	------	---------	---------	---	----------------	----------------	---------	----

---

### Prep Information

---

Digestion Method: NA

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603321-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	111		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	110		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	96		-		80-120	-		
Lead, Total	106		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	94		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307117

**Report Date:** 04/29/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603321-2					
Zinc, Total	109	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603460-2					
Mercury, Dissolved	102	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603464-2					
Mercury, Total	99	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307117

**Report Date:** 04/29/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603981-2					
Aluminum, Dissolved	101	-	80-120	-	
Antimony, Dissolved	92	-	80-120	-	
Arsenic, Dissolved	110	-	80-120	-	
Barium, Dissolved	96	-	80-120	-	
Beryllium, Dissolved	112	-	80-120	-	
Cadmium, Dissolved	111	-	80-120	-	
Calcium, Dissolved	91	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	96	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	93	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	109	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	99	-	80-120	-	
Thallium, Dissolved	89	-	80-120	-	
Vanadium, Dissolved	106	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 Batch: WG603981-2					
Zinc, Dissolved	113	-	80-120	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603321-4 QC Sample: L1307066-01 Client ID: MS Sample												
Aluminum, Total	0.160	2	2.23	104	-	-	-	-	80-120	-	-	20
Antimony, Total	0.00090	0.5	0.4644	93	-	-	-	-	80-120	-	-	20
Arsenic, Total	0.0003J	0.12	0.1281	107	-	-	-	-	80-120	-	-	20
Barium, Total	0.0026	2	1.922	96	-	-	-	-	80-120	-	-	20
Beryllium, Total	ND	0.05	0.05546	111	-	-	-	-	80-120	-	-	20
Cadmium, Total	ND	0.51	0.5356	105	-	-	-	-	80-120	-	-	20
Calcium, Total	1.46	10	10.8	93	-	-	-	-	80-120	-	-	20
Chromium, Total	0.0024	0.2	0.1994	98	-	-	-	-	80-120	-	-	20
Cobalt, Total	0.0006	0.5	0.4871	97	-	-	-	-	80-120	-	-	20
Copper, Total	0.02635	0.25	0.2797	101	-	-	-	-	80-120	-	-	20
Iron, Total	0.142	1	1.12	98	-	-	-	-	80-120	-	-	20
Lead, Total	0.0014	0.51	0.5318	104	-	-	-	-	80-120	-	-	20
Magnesium, Total	0.316	10	9.30	90	-	-	-	-	80-120	-	-	20
Manganese, Total	0.0071	0.5	0.4960	98	-	-	-	-	80-120	-	-	20
Nickel, Total	0.0003J	0.5	0.4896	98	-	-	-	-	80-120	-	-	20
Potassium, Total	0.229	10	9.82	96	-	-	-	-	80-120	-	-	20
Selenium, Total	ND	0.12	0.127	106	-	-	-	-	80-120	-	-	20
Silver, Total	ND	0.05	0.04996	100	-	-	-	-	80-120	-	-	20
Sodium, Total	0.730	10	9.83	91	-	-	-	-	80-120	-	-	20
Thallium, Total	ND	0.12	0.1114	93	-	-	-	-	80-120	-	-	20
Vanadium, Total	0.0005J	0.5	0.5008	100	-	-	-	-	80-120	-	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603321-4 QC Sample: L1307066-01 Client ID: MS Sample									
Zinc, Total	1.022	0.5	1.577	111	-	-	80-120	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603460-4 QC Sample: L1307098-02 Client ID: MS Sample									
Mercury, Dissolved	ND	0.001	0.00126	127	-	-	70-130	-	20
Total Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603464-4 QC Sample: L1307117-01 Client ID: FIELD BLANK									
Mercury, Total	ND	0.001	0.00121	121	-	-	70-130	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603981-4 QC Sample: L1307117-03 Client ID: MW-4									
Aluminum, Dissolved	0.00256J	2	2.04	102	-	-	80-120	-	20
Antimony, Dissolved	0.00054J	0.5	0.4740	95	-	-	80-120	-	20
Arsenic, Dissolved	0.00026J	0.12	0.1401	117	-	-	80-120	-	20
Barium, Dissolved	0.05773	2	2.000	97	-	-	80-120	-	20
Beryllium, Dissolved	ND	0.05	0.05625	112	-	-	80-120	-	20
Cadmium, Dissolved	0.00007J	0.51	0.5584	109	-	-	80-120	-	20
Calcium, Dissolved	30.5	10	37.0	65	Q	-	80-120	-	20
Chromium, Dissolved	0.00044J	0.2	0.1982	99	-	-	80-120	-	20
Cobalt, Dissolved	0.00111	0.5	0.5094	102	-	-	80-120	-	20
Copper, Dissolved	0.00055J	0.25	0.2620	105	-	-	80-120	-	20
Iron, Dissolved	ND	1	0.977	98	-	-	80-120	-	20
Lead, Dissolved	ND	0.51	0.5478	107	-	-	80-120	-	20
Magnesium, Dissolved	5.30	10	14.6	93	-	-	80-120	-	20
Manganese, Dissolved	0.2750	0.5	0.7681	99	-	-	80-120	-	20
Nickel, Dissolved	0.03907	0.5	0.5449	101	-	-	80-120	-	20
Potassium, Dissolved	5.65	10	15.4	98	-	-	80-120	-	20
Selenium, Dissolved	0.00150J	0.12	0.135	112	-	-	80-120	-	20
Silver, Dissolved	0.00011J	0.05	0.04939	99	-	-	80-120	-	20
Sodium, Dissolved	172.	10	182	100	-	-	80-120	-	20
Thallium, Dissolved	ND	0.12	0.1166	97	-	-	80-120	-	20
Vanadium, Dissolved	0.00043J	0.5	0.5299	106	-	-	80-120	-	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307117

**Project Number:** 2283.0001Y000

**Report Date:** 04/29/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603981-4 QC Sample: L1307117-03 Client ID: MW-4									
Zinc, Dissolved	0.00936J	0.5	0.5615	112	-	-	80-120	-	20

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603321-3 QC Sample: L1307066-01 Client ID: DUP Sample						
Aluminum, Total	0.160	0.158	mg/l	1		20
Copper, Total	0.02635	0.02464	mg/l	7		20
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603460-3 QC Sample: L1307098-02 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603464-3 QC Sample: L1307117-01 Client ID: FIELD BLANK						
Mercury, Total	ND	ND	mg/l	NC		20



## Lab Duplicate Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1307117

Report Date: 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603981-3 QC Sample: L1307117-03 Client ID: MW-4					
Aluminum, Dissolved	0.00256J	0.00229J	mg/l	NC	20
Antimony, Dissolved	0.00054J	0.00042J	mg/l	NC	20
Arsenic, Dissolved	0.00026J	0.00022J	mg/l	NC	20
Barium, Dissolved	0.05773	0.05741	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	0.00007J	0.00005J	mg/l	NC	20
Calcium, Dissolved	30.5	30.2	mg/l	1	20
Chromium, Dissolved	0.00044J	0.00041J	mg/l	NC	20
Cobalt, Dissolved	0.00111	0.00103	mg/l	7	20
Copper, Dissolved	0.00055J	0.00049J	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	5.30	5.18	mg/l	2	20
Manganese, Dissolved	0.2750	0.2698	mg/l	2	20
Nickel, Dissolved	0.03907	0.03888	mg/l	0	20
Potassium, Dissolved	5.65	5.59	mg/l	1	20
Selenium, Dissolved	0.00150J	0.00160J	mg/l	NC	20
Silver, Dissolved	0.00011J	0.00013J	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20

### Lab Duplicate Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307117

**Report Date:** 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603981-3 QC Sample: L1307117-03 Client ID: MW-4					
Vanadium, Dissolved	0.00043J	0.00033J	mg/l	NC	20
Zinc, Dissolved	0.00936J	0.00879J	mg/l	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG603981-3 QC Sample: L1307117-03 Client ID: MW-4					
Sodium, Dissolved	172.	173.	mg/l	1	20

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

#### Cooler Information Custody Seal

##### Cooler

A Absent  
 B Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307117-01A	Vial HCl preserved	B	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1307117-01B	Vial HCl preserved	B	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1307117-01C	Vial HCl preserved	B	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1307117-01D	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307117-01E	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307117-01F	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8081(7)
L1307117-01G	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8081(7)
L1307117-01H	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1307117-01I	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1307117-01J	Plastic 500ml HNO3 preserved	B	<2	3.3	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1307117-01K	Plastic 500ml unpreserved	B	7	3.3	Y	Absent	-
L1307117-01M	Plastic 250ml NaOH preserved	B	>12	3.3	Y	Absent	-

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307117-01X	Plastic 250ml HNO3 preserved spl	B	<2	3.3	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1307117-02A	Vial HCl preserved	B	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1307117-02B	Vial HCl preserved	B	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1307117-03A	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1307117-03B	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1307117-03C	Vial HCl preserved	A	N/A	4.2	Y	Absent	NYTCL-8260(14)
L1307117-03D	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307117-03E	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307117-03F	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8081(7)
L1307117-03G	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8081(7)
L1307117-03H	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8082-1200ML(7)
L1307117-03I	Amber 1000ml unpreserved	A	7	4.2	Y	Absent	NYTCL-8082-1200ML(7)
L1307117-03J	Plastic 500ml HNO3 preserved	A	<2	4.2	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1307117-03K	Plastic 500ml unpreserved	A	7	4.2	Y	Absent	-
L1307117-03M	Plastic 250ml NaOH preserved	A	>12	4.2	Y	Absent	-

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND ROGERS AVE.**Project Number:** 2283.0001Y000**Lab Number:** L1307117**Report Date:** 04/29/13**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307117-03X	Plastic 250ml HNO3 preserved spl	A	<2	4.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

**Report Format:** DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

#### **Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307117  
**Report Date:** 04/29/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; Colilert, QT SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:* (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commission on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methyl naphthalenes, Total Dimethyl naphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.





## ANALYTICAL REPORT

Lab Number:	L1307130
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND-ROGERS AVE
Project Number:	2283.0001Y000
Report Date:	04/29/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

---

320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1307130-01	SV-1102	BROOKLYN, NY	04/22/13 13:45
L1307130-02	SV-1101	BROOKLYN, NY	04/22/13 13:50
L1307130-03	SV-1502	BROOKLYN, NY	04/22/13 14:34
L1307130-04	SV-1501	BROOKLYN, NY	04/22/13 14:32
L1307130-05	SV-1702	BROOKLYN, NY	04/22/13 13:53
L1307130-06	SV-1701	BROOKLYN, NY	04/22/13 14:18
L1307130-07	AMBIENT-1	BROOKLYN, NY	04/22/13 13:48

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

---

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on April 18, 2013. The canister certification results are provided as an addendum.

Sample L1307130-02 has the canister identification number listed on the Chain of Custody as 0671 however this number should be 1738.

Samples L1307130-02, -04, -05 and WG603791-5 Duplicate have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples.

Sample L1307130-03 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1307130-04 The RPD of the pre- and post-flow controller calibration check (41% RPD) was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 18 mL/minute; the final flow rate was 11.9 mL/minute. The final pressure recorded by the laboratory of the associated canister was -3.3 inches of mercury.

L1307130-05 The RPD of the pre- and post-flow controller calibration check (47% RPD) was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 18 mL/minute; the final flow rate was 11.1 mL/minute. The final pressure recorded by the laboratory of the associated canister was -3.2 inches of mercury.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 04/29/13

**AIR**

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-01  
 Client ID: SV-1102  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 20:02  
 Analyst: RY

Date Collected: 04/22/13 13:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.420	0.200	--	2.08	0.989	--		1
Chloromethane	0.528	0.200	--	1.09	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.88	2.50	--	11.1	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	70.8	1.00	--	168	2.38	--		1
Trichlorofluoromethane	0.245	0.200	--	1.38	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	1.03	0.200	--	3.04	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-01  
 Client ID: SV-1102  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 13:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.280	0.200	--	0.895	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.639	0.200	--	2.41	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.231	0.200	--	1.00	0.869	--		1
p/m-Xylene	1.20	0.400	--	5.21	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-01  
 Client ID: SV-1102  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 13:45  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.491	0.200	--	2.13	0.869	--		1
4-Ethyltoluene	0.342	0.200	--	1.68	0.983	--		1
1,3,5-Trimethylbenzene	0.516	0.200	--	2.54	0.983	--		1
1,2,4-Trimethylbenzene	2.12	0.200	--	10.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	77		60-140



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### SAMPLE RESULTS

Lab ID: L1307130-02 D  
 Client ID: SV-1101  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 20:32  
 Analyst: RY

Date Collected: 04/22/13 13:50  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	1.67	--	ND	2.87	--		3.333
Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--		3.333
Chloromethane	ND	0.667	--	ND	1.38	--		3.333
Freon-114	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	ND	0.667	--	ND	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethanol	41.6	8.33	--	78.4	15.7	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	168	3.33	--	399	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
Isopropanol	ND	1.67	--	ND	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Methylene chloride	ND	3.33	--	ND	11.6	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	1.60	0.667	--	4.98	2.08	--		3.333
Freon-113	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
Vinyl acetate	ND	0.667	--	ND	2.35	--		3.333
2-Butanone	2.54	0.667	--	7.49	1.97	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-02 D

Date Collected: 04/22/13 13:50

Client ID: SV-1101

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	ND	0.667	--	ND	1.97	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	12.8	0.667	--	45.1	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	18.7	0.667	--	59.7	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	1.75	0.667	--	6.02	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--		3.333
Heptane	7.42	0.667	--	30.4	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	ND	0.667	--	ND	2.73	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	105	0.667	--	396	2.51	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333
Tetrachloroethene	1.37	0.667	--	9.29	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	5.16	0.667	--	22.4	2.90	--		3.333
p/m-Xylene	16.0	1.33	--	69.5	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-02 D

Date Collected: 04/22/13 13:50

Client ID: SV-1101

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.667	--	ND	2.84	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	4.37	0.667	--	19.0	2.90	--		3.333
4-Ethyltoluene	0.833	0.667	--	4.10	3.28	--		3.333
1,3,5-Trimethylbenzene	0.836	0.667	--	4.11	3.28	--		3.333
1,2,4-Trimethylbenzene	2.56	0.667	--	12.6	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	83		60-140



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-03 D

Date Collected: 04/22/13 14:34

Client ID: SV-1502

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Matrix: Soil\_Vapor

Analytical Method: 48,TO-15

Analytical Date: 04/24/13 21:03

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	9.78	2.50	--	16.8	4.30	--		5
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	45.2	12.5	--	85.2	23.6	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	1020	5.00	--	2420	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Methylene chloride	ND	5.00	--	ND	17.4	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	6.84	1.00	--	21.3	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
Vinyl acetate	ND	1.00	--	ND	3.52	--		5
2-Butanone	13.8	1.00	--	40.7	2.95	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-03 D

Date Collected: 04/22/13 14:34

Client ID: SV-1502

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	1.71	1.00	--	5.04	2.95	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	34.4	1.00	--	121	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	36.6	1.00	--	117	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	3.63	1.00	--	12.5	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	11.4	1.00	--	46.7	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	64.2	1.00	--	242	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	3.25	1.00	--	14.1	4.34	--		5
p/m-Xylene	12.2	2.00	--	53.0	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-03 D

Date Collected: 04/22/13 14:34

Client ID: SV-1502

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	3.91	1.00	--	17.0	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	1.02	1.00	--	5.01	4.92	--		5
1,2,4-Trimethylbenzene	2.67	1.00	--	13.1	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	80		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	68		60-140



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-04 D  
 Client ID: SV-1501  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 21:33  
 Analyst: RY

Date Collected: 04/22/13 14:32  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	1.74	1.25	--	2.99	2.15	--		2.5
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	14.3	6.25	--	26.9	11.8	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	268	2.50	--	637	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	ND	1.25	--	ND	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Methylene chloride	ND	2.50	--	ND	8.69	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	2.16	0.500	--	6.73	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
Vinyl acetate	ND	0.500	--	ND	1.76	--		2.5
2-Butanone	3.59	0.500	--	10.6	1.47	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-04 D

Date Collected: 04/22/13 14:32

Client ID: SV-1501

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	ND	0.500	--	ND	2.44	--		2.5
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	11.9	0.500	--	41.9	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	17.6	0.500	--	56.2	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.27	0.500	--	4.37	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	6.76	0.500	--	27.7	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	66.8	0.500	--	252	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	0.670	0.500	--	4.54	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	2.62	0.500	--	11.4	2.17	--		2.5
p/m-Xylene	8.08	1.00	--	35.1	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-04 D

Date Collected: 04/22/13 14:32

Client ID: SV-1501

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	2.69	0.500	--	11.7	2.17	--		2.5
4-Ethyltoluene	ND	0.500	--	ND	2.46	--		2.5
1,3,5-Trimethylbenzene	0.565	0.500	--	2.78	2.46	--		2.5
1,2,4-Trimethylbenzene	1.85	0.500	--	9.09	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	97		60-140



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### SAMPLE RESULTS

Lab ID: L1307130-05 D  
 Client ID: SV-1702  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 22:04  
 Analyst: RY

Date Collected: 04/22/13 13:53  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	1.25	--	ND	2.15	--		2.5
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	12.9	6.25	--	24.3	11.8	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	154	2.50	--	366	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	ND	1.25	--	ND	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Methylene chloride	ND	2.50	--	ND	8.69	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	1.12	0.500	--	3.49	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
Vinyl acetate	ND	0.500	--	ND	1.76	--		2.5
2-Butanone	1.67	0.500	--	4.93	1.47	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### SAMPLE RESULTS

Lab ID: L1307130-05 D  
 Client ID: SV-1702  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 13:53  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	0.590	0.500	--	2.88	2.44	--		2.5
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	14.7	0.500	--	51.8	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	21.0	0.500	--	67.1	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	1.90	0.500	--	6.54	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	ND	0.500	--	ND	2.34	--		2.5
Heptane	8.00	0.500	--	32.8	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	106	0.500	--	399	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	0.915	0.500	--	6.20	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	4.95	0.500	--	21.5	2.17	--		2.5
p/m-Xylene	14.2	1.00	--	61.7	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-05 D

Date Collected: 04/22/13 13:53

Client ID: SV-1702

Date Received: 04/22/13

Sample Location: BROOKLYN, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	3.88	0.500	--	16.9	2.17	--		2.5
4-Ethyltoluene	0.598	0.500	--	2.94	2.46	--		2.5
1,3,5-Trimethylbenzene	0.708	0.500	--	3.48	2.46	--		2.5
1,2,4-Trimethylbenzene	2.32	0.500	--	11.4	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	100		60-140



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-06  
 Client ID: SV-1701  
 Sample Location: BROOKLYN, NY  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 23:05  
 Analyst: RY

Date Collected: 04/22/13 14:18  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	3.08	0.500	--	5.30	0.861	--		1
Dichlorodifluoromethane	0.457	0.200	--	2.26	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.42	2.50	--	10.2	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	150	1.00	--	356	2.38	--		1
Trichlorofluoromethane	0.266	0.200	--	1.49	1.12	--		1
Isopropanol	0.937	0.500	--	2.30	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.64	0.200	--	5.11	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	2.12	0.200	--	6.25	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-06  
 Client ID: SV-1701  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 14:18  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.86	0.200	--	14.0	0.977	--		1
Tetrahydrofuran	0.337	0.200	--	0.994	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.08	0.200	--	10.9	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	3.56	0.200	--	11.4	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.27	0.200	--	4.37	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.79	0.200	--	7.34	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.225	0.200	--	0.922	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	20.0	0.200	--	75.4	0.754	--		1
2-Hexanone	0.424	0.200	--	1.74	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.753	0.200	--	5.11	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.09	0.200	--	9.08	0.869	--		1
p/m-Xylene	6.90	0.400	--	30.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-06  
 Client ID: SV-1701  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 14:18  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	0.302	0.200	--	1.29	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.64	0.200	--	11.5	0.869	--		1
4-Ethyltoluene	0.538	0.200	--	2.64	0.983	--		1
1,3,5-Trimethylbenzene	0.683	0.200	--	3.36	0.983	--		1
1,2,4-Trimethylbenzene	2.45	0.200	--	12.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	94		60-140



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### SAMPLE RESULTS

Lab ID: L1307130-07  
 Client ID: AMBIENT-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/13 19:31  
 Analyst: RY

Date Collected: 04/22/13 13:48  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	0.490	0.200	--	2.42	0.989	--		1
Chloromethane	0.477	0.200	--	0.985	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.14	1.00	--	5.08	2.38	--		1
Trichlorofluoromethane	0.234	0.200	--	1.31	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	1.06	1.00	--	3.68	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

### SAMPLE RESULTS

Lab ID: L1307130-07  
 Client ID: AMBIENT-1  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 13:48  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1



**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**SAMPLE RESULTS**

Lab ID: L1307130-07  
 Client ID: AMBIENT-1  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 13:48  
 Date Received: 04/22/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	76		60-140



Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307130

Project Number: 2283.0001Y000

Report Date: 04/29/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/24/13 18:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG603791-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307130

Project Number: 2283.0001Y000

Report Date: 04/29/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/24/13 18:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG603791-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: THE DOE FUND-ROGERS AVE

Lab Number: L1307130

Project Number: 2283.0001Y000

Report Date: 04/29/13

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/24/13 18:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG603791-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307130

**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG603791-3								
Propylene	74		-		70-130	-		
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	92		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		
Vinyl chloride	98		-		70-130	-		
1,3-Butadiene	101		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	107		-		70-130	-		
Ethyl Alcohol	90		-		70-130	-		
Vinyl bromide	100		-		70-130	-		
Acetone	100		-		70-130	-		
Trichlorofluoromethane	112		-		70-130	-		
iso-Propyl Alcohol	93		-		70-130	-		
1,1-Dichloroethene	99		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	129		-		70-130	-		
Carbon disulfide	98		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	102		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307130

**Report Date:** 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG603791-3								
Vinyl acetate	104		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	116		-		70-130	-		
Ethyl Acetate	98		-		70-130	-		
Chloroform	114		-		70-130	-		
Tetrahydrofuran	103		-		70-130	-		
1,2-Dichloroethane	116		-		70-130	-		
n-Hexane	81		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	112		-		70-130	-		
Cyclohexane	88		-		70-130	-		
1,2-Dichloropropane	77		-		70-130	-		
Bromodichloromethane	83		-		70-130	-		
1,4-Dioxane	78		-		70-130	-		
Trichloroethene	87		-		70-130	-		
2,2,4-Trimethylpentane	75		-		70-130	-		
Heptane	71		-		70-130	-		
cis-1,3-Dichloropropene	83		-		70-130	-		
4-Methyl-2-pentanone	73		-		70-130	-		
trans-1,3-Dichloropropene	72		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307130

**Report Date:** 04/29/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG603791-3								
1,1,2-Trichloroethane	80		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	94		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Tetrachloroethene	107		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	95		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	95		-		70-130	-		
1,3,5-Trimethylbenzene	104		-		70-130	-		
1,2,4-Trimethylbenzene	112		-		70-130	-		
Benzyl chloride	86		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
1,2-Dichlorobenzene	99		-		70-130	-		
1,2,4-Trichlorobenzene	110		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND-ROGERS AVE

**Project Number:** 2283.0001Y000

**Lab Number:** L1307130

**Report Date:** 04/29/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG603791-3								
Hexachlorobutadiene	115		-		70-130	-		

## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307130

Report Date: 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG603791-5 QC Sample: L1307130-05 Client ID: SV-1702						
Propylene	ND	1.54	ppbV	NC		25
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	12.9	16.0	ppbV	21		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	154	180	ppbV	16		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	1.12	1.26	ppbV	12		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

## Lab Duplicate Analysis

### Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307130

Report Date: 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG603791-5 QC Sample: L1307130-05 Client ID: SV-1702					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	1.67	1.70	ppbV	2	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	0.590	0.595	ppbV	1	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	14.7	14.0	ppbV	5	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	21.0	21.0	ppbV	0	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	1.90	1.86	ppbV	2	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307130

Report Date: 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG603791-5 QC Sample: L1307130-05 Client ID: SV-1702					
Heptane	8.00	7.98	ppbV	0	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	106	113	ppbV	6	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.915	0.942	ppbV	3	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	4.95	5.09	ppbV	3	25
p/m-Xylene	14.2	14.6	ppbV	3	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	3.88	4.13	ppbV	6	25
4-Ethyltoluene	0.598	0.680	ppbV	13	25
1,3,5-Trimethylbenzene	0.708	0.830	ppbV	16	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: THE DOE FUND-ROGERS AVE

Project Number: 2283.0001Y000

Lab Number: L1307130

Report Date: 04/29/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG603791-5 QC Sample: L1307130-05 Client ID: SV-1702					
1,2,4-Trimethylbenzene	2.32	2.70	ppbV	15	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: THE DOE FUND-ROGERS AVE

Serial\_No:04291315:56  
Lab Number: L1307130

Project Number: 2283.0001Y000

Report Date: 04/29/13

### Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1307130-01	SV-1102	0577	#30 SV	04/18/13	87649		-	-	-	Pass	18.0	19.9	10
L1307130-01	SV-1102	191B	2.7L Can	04/18/13	87649	L1305760-01	Pass	-29.3	-1.9	-	-	-	-
L1307130-02	SV-1101	0576	#30 SV	04/18/13	87649		-	-	-	Pass	17.5	17.8	2
L1307130-02	SV-1101	1738	2.7L Can	04/18/13	87649	L1305760-01	Pass	-29.7	-3.9	-	-	-	-
L1307130-03	SV-1502	0580	#30 SV	04/18/13	87649		-	-	-	Pass	17.5	17.0	3
L1307130-03	SV-1502	470	2.7L Can	04/18/13	87649	L1305760-01	Pass	-29.6	-18.8	-	-	-	-
L1307130-04	SV-1501	0471	#30 SV	04/18/13	87649		-	-	-	Pass	18.0	11.9	41
L1307130-04	SV-1501	489	2.7L Can	04/18/13	87649	L1305760-01	Pass	-28.7	-3.3	-	-	-	-
L1307130-05	SV-1702	0204	#30 SV	04/18/13	87649		-	-	-	Pass	18.0	11.1	47
L1307130-05	SV-1702	254	2.7L Can	04/18/13	87649	L1305760-01	Pass	-29.5	-3.2	-	-	-	-
L1307130-06	SV-1701	0578	#30 SV	04/18/13	87649		-	-	-	Pass	17.5	16.8	4
L1307130-06	SV-1701	138	2.7L Can	04/18/13	87649	L1305760-01	Pass	-29.5	-1.8	-	-	-	-
L1307130-07	AMBIENT-1	0581	#30 SV	04/18/13	87649		-	-	-	Pass	17.9	17.2	4
L1307130-07	AMBIENT-1	549	2.7L Can	04/18/13	87649	L1305760-01	Pass	-28.7	-2.0	-	-	-	-

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01  
 Client ID: CAN 540 SHELF #14  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/05/13 19:19  
 Analyst: RY

Date Collected: 04/03/13 16:23  
 Date Received: 04/04/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.200	--	ND	0.361	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01  
 Client ID: CAN 540 SHELF #14  
 Sample Location:

Date Collected: 04/03/13 16:23  
 Date Received: 04/04/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01 Date Collected: 04/03/13 16:23  
 Client ID: CAN 540 SHELF #14 Date Received: 04/04/13  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01  
 Client ID: CAN 540 SHELF #14  
 Sample Location:

Date Collected: 04/03/13 16:23  
 Date Received: 04/04/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01 Date Collected: 04/03/13 16:23  
 Client ID: CAN 540 SHELF #14 Date Received: 04/04/13  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01  
 Client ID: CAN 540 SHELF #14  
 Sample Location:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/05/13 19:19  
 Analyst: RY

Date Collected: 04/03/13 16:23  
 Date Received: 04/04/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01  
 Client ID: CAN 540 SHELF #14  
 Sample Location:

Date Collected: 04/03/13 16:23  
 Date Received: 04/04/13  
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L1305760  
**Report Date:** 04/29/13

### Air Canister Certification Results

Lab ID: L1305760-01 Date Collected: 04/03/13 16:23  
 Client ID: CAN 540 SHELF #14 Date Received: 04/04/13  
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

**Project Name:** THE DOE FUND-ROGERS AVE**Lab Number:** L1307130**Project Number:** 2283.0001Y000**Report Date:** 04/29/13**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

**Cooler Information Custody Seal****Cooler**

N/A Absent

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307130-01A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-02A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-03A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-04A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-05A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-06A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1307130-07A	Canister - 2.7 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

**Report Format:** Data Usability Report



**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

**Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

**Project Name:** THE DOE FUND-ROGERS AVE  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307130  
**Report Date:** 04/29/13

## REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised August 3, 2012 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held. For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### **Connecticut Department of Public Health** Certificate/Lab ID: PH-0141.

*Wastewater/Non-Potable Water* (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable). Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

*Solid Waste/Soil* (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Titanium, Vanadium, Zinc, Total Organic Carbon, Corrosivity, TCLP 1311, SPLP 1312. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

### **Florida Department of Health** Certificate/Lab ID: E87814. NELAP Accredited.

*Non-Potable Water* (Inorganic Parameters: SM2320B, SM2540D, SM2540G.)

*Solid & Chemical Materials* (Inorganic Parameters: 6020, 7470, 7471, 9045. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

*Air & Emissions* (EPA TO-15.)

### **Louisiana Department of Environmental Quality** Certificate/Lab ID: 03090. NELAP Accredited.

*Non-Potable Water* (Inorganic Parameters: EPA 180.1, 245.7, 1631E, 3020A, 6020A, 7470A, 9040, 9050A, SM2320B, 2540D, 2540G, 4500H-B, Organic Parameters: EPA 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 5030B, 8015D, 3570, 8081B, 8082A, 8260B, 8270C, 8270D.)

*Solid & Chemical Materials* (Inorganic Parameters: EPA 1311, 3050B, 3051A, 3060A, 6020A, 7196A, 7470A, 7471B, 7474, 9040B, 9045C, 9060. Organic Parameters: EPA 3540C, 3570, 3580A, 3630C, 3640A, 3660, 3665A, 5035, 8015D, 8081B, 8082A, 8260B, 8270C, 8270D.)

*Biological Tissue* (Inorganic Parameters: EPA 6020A. Organic Parameters: EPA 3570, 3510C, 3610B, 3630C, 3640A, 8270C, 8270D.)

*Air & Emissions* (EPA TO-15.)

### **New Hampshire Department of Environmental Services** Certificate/Lab ID: 2206. NELAP Accredited.

*Non-Potable Water* (Inorganic Parameters: EPA 180.1, 1631E, 6020A, 7470A, 9040B, 9050A, SM2540D, 2540G, 4500H+B, 2320B, 3020A, . Organic Parameters: EPA 3510C, 3630C, 3640A, 3660B, 8081B, 8082A, 8270C, 8270D, 8015D.)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846 1311, 3050B, 3051A, 6020A, 7471B, 9040B, 9045C. Organic Parameters: SW-846 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8015D, 8082A, 8081B.)

### **New Jersey Department of Environmental Protection** Certificate/Lab ID: MA015. NELAP Accredited.

*Non-Potable Water* (Inorganic Parameters: SW-846 1312, 3020A, SM2320B, SM2540D, 2540G, 4500H-B, EPA 180.1, 1631E, SW-846 7470A, 9040C, 6020A, 9050A. Organic Parameters: SW-846 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846 1311, 1312, 3050B, 3051A, 6020A, 7471B, 7474, 9040B, 9040C, 9045C, 9045D, 9060. Organic Parameters: SW-846 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8081B, 8082A, 8270C, 8270D, 8015D.)

*Atmospheric Organic Parameters* (EPA 3C, TO-15, TO-10A, TO-13A-SIM.)

*Biological Tissue* (Inorganic Parameters: SW-846 6020A. Organic Parameters: SW-846 8270C, 8270D, 3510C, 3570, 3610C, 3630C, 3640A)

**New York Department of Health** Certificate/Lab ID: 11627. **NELAP Accredited.**

*Non-Potable Water* (Inorganic Parameters: SM2320B, SM2540D, 6020A, 1631E, 7470A, 9050A, EPA 180.1, 3020A. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 3510C.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 6020A, 7471B, 7474, 9040C, 9045D. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 1311, 3050B, 3580A, 3570, 3051A.)

*Air & Emissions* (EPA TO-15, TO-10A.)

**Pennsylvania** Certificate/Lab ID: 68-02089 **NELAP Accredited**

*Non-Potable Water* (Inorganic Parameters: 1312, 1631E, 180.1, 3020A, 6020A, 7470A, 9040B, 9050A, 2320B, 2540D, 2540G, SM4500H+-B. Organic Parameters: 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D .)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 3051A, 6020A, 7471B, 7474 9040B, 9045C, 9060. Organic Parameters: EPA3050B, 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8270D, 8081B, 8015D, 8082A.)

**Rhode Island Department of Health** Certificate/Lab ID: LAO00299. **NELAP Accredited via NJ-DEP.**

Refer to NJ-DEP Certificate for Non-Potable Water.

**Texas Commission of Environmental Quality** Certificate/Lab ID: T104704419-08-TX. **NELAP Accredited.**

*Solid & Chemical Materials* (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8081, 8082.)

*Air* (Organic Parameters: EPA TO-15)

**Virginia Division of Consolidated Laboratory Services** Certificate/Lab ID:460194. **NELAP Accredited.**

*Non-Potable Water* (Inorganic Parameters:EPA 3020A, 6020A, 245.7, 9040B. Organic Parameters: EPA 3510C, 3640A, 3660B, 3665A, 8270C, 8270D, 8082A, 8081B, 8015D.)

*Solid & Chemical Materials* (Inorganic Parameters: EPA 6020A,7470A,7471B,9040B,9045C,3050B,3051, 9060. Organic Parameters: EPA 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 3570, 8270C, 8270D, 8081B, 8082A, 8015D.)

**Washington State Department of Ecology** Certificate/Lab ID: C954. *Non-Potable Water* (Inorganic Parameters: SM2540D, 180.1, 1631E.)

*Solid & Chemical Materials* (Inorganic Parameters: EPA 6020, 7470, 7471, 7474, 9045C, 9050A, 9060. Organic Parameters: EPA 8081, 8082, 8015, 8270.)

**U.S. Army Corps of Engineers**

**Department of Defense, L-A-B** Certificate/Lab ID: L2217.01.

*Non-Potable Water* (Inorganic Parameters: EPA 6020A, SM4500H-B. Organic Parameters: 3020A, 3510C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH, 8082A, 8081B, 8015D-SHC, 8015D.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 3050B, 6020A, 7471A, 9045C, 9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580A, 3570, 3540C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH 8082A, 8081B, 8015D-SHC, 8015D.

*Air & Emissions* (EPA TO-15.)

**Analytes Not Accredited by NELAP**

Certification is not available by NELAP for the following analytes: **8270C**: Biphenyl. **TO-15**: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 2-Methylnaphthalene, 1-Methylnaphthalene.



# AIR ANALYSIS

## CHAIN OF CUSTODY

PAGE 1 OF 1Date Rec'd in Lab: 4/22/13ALPHA Job #: L1307130320 Forbes Blvd, Mansfield, MA 02048  
TEL: 508-822-9300 FAX: 508-822-3288**Project Information**Project Name: The Doe Fund - Rogers AveProject Location: Brooklyn, NYProject #: 2283.0001 Y000Project Manager: Jessica Taylor

ALPHA Quote #:

**Turn-Around Time** Standard  RUSH (only confirmed if pre-approved!)Date Due: 4/29/13 Time:**Report Information - Data Deliverables** FAX  
 ADEx  
Criteria Checker: \_\_\_\_\_  
(Default based on Regulatory Criteria Indicated)  
Other Formats: \_\_\_\_\_ EMAIL (standard pdf report). Additional Deliverables:

Report to: (if different than Project Manager)

**Billing Information** Same as Client info PO #:**Regulatory Requirements/Report Limits**

State/Fed Program Criteria

**Client Information**Client: Roux Associates, Inc.Address: 209 Shafter Street  
Islandia, NY 11749Phone: (631) 232-2600Fax: (631) 232-9898Email: j.taylor@rouxinc.com These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

**All Columns Below Must Be Filled Out**

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS						Sample Comments (i.e. PID)
		Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	
07130-01	SV-1102	4/22/13	1137	1345	-30.20	-2.25	SV	CAJ	2.7L	01918	FC0577	X						
-02	SV-1101	4/22/13	1136	1350	-30.13	-4.25	SV	CAJ	2.7L	0671	FC0576	X						
-03	SV-1502	4/22/13	1138	1434	-30.80	-19.53	SV	CAJ	2.7L	0470	FC0580	X						
-04	SV-1501	4/22/13	1139	1432	-29.75	-4.08	SV	CAJ	2.7L	0489	FC0471	X						
-05	SV-1702	4/22/13	1141	1353	-30.88	-3.90	SV	CAJ	2.7L	0254	FC0204	X						
-06	SV-1701	4/22/13	1140	1418	-30.24	-2.04	SV	CAJ	2.7L	0138	FC0578	X						
-07	Ambient-1	4/22/13	1142	1318	-28.89	-2.25	AA	CAJ	2.7L	0549	FC0581	X						

**\*SAMPLE MATRIX CODES**AA = Ambient Air (Indoor/Outdoor)  
SV = Soil Vapor/Landfill Gas/SVE  
Other = Please Specify

Container Type CS CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time:

Steph...  
Steph...  
Steph...4/22/13 15:00  
4/22/13 18:00  
4/22/13 22:30  
4/23/13 04:00[Signature]  
Steph...  
Mansfield...  
Mansfield...4/22/13 15:00  
4/22/13 18:00  
4/22/13 22:30  
4/23/13 04:00



## ANALYTICAL REPORT

Lab Number:	L1307163
Client:	Roux Associates, Inc. 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jessica Taylor
Phone:	(631) 232-2600
Project Name:	THE DOE FUND ROGERS AVE.
Project Number:	2283.0001Y000
Report Date:	05/01/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1307163-01	MW-1	BROOKLYN, NY	04/22/13 16:20
L1307163-02	MW-2	BROOKLYN, NY	04/22/13 17:45
L1307163-03	MW-3	BROOKLYN, NY	04/22/13 18:45
L1307163-04	DUP	BROOKLYN, NY	04/22/13 17:00

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

---

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

The samples were field filtered for Dissolved Metals.

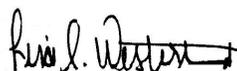
Containers for Total Cyanide were received for all samples, but were not listed on the chain of custody. The analysis was canceled at the client's request.

#### PCBs

The surrogate recoveries for L1307163-03 were below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene (1%/1%) and Decachlorobiphenyl (18%/14%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Lisa Westerlind

Title: Technical Director/Representative

Date: 05/01/13

# ORGANICS

# VOLATILES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/28/13 15:01  
 Analyst: PD

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.91	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.26	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.3	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

**Lab ID:** L1307163-02  
**Client ID:** MW-2  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 04/28/13 15:26  
**Analyst:** PD

**Date Collected:** 04/22/13 17:45  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.89	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.38	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.3	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/28/13 15:51  
 Analyst: PD

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.20	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.1	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 04/28/13 16:16  
 Analyst: PD

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.92	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	76.	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/28/13 12:55  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG604510-6					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/28/13 12:55  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG604510-6					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 04/28/13 12:55  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG604510-6					
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.38
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.54
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.38
1,4-Dioxane	ND		ug/l	250	76.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.63

Tentatively Identified Compounds

No Tentatively Identified Compounds      ND      ug/l

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
 Analytical Date: 04/28/13 12:55  
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG604510-6					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG604510-4 WG604510-5								
Methylene chloride	92		88		70-130	5		20
1,1-Dichloroethane	98		95		70-130	7		20
Chloroform	100		95		70-130	2		20
2-Chloroethylvinyl ether	92		89		70-130	12		20
Carbon tetrachloride	101		98		63-132	3		20
1,2-Dichloropropane	98		95		70-130	9		20
Dibromochloromethane	110		105		63-130	6		20
1,1,2-Trichloroethane	107		101		70-130	5		20
Tetrachloroethene	110		106		70-130	4		20
Chlorobenzene	106		104		75-130	5		20
Trichlorofluoromethane	99		97		62-150	3		20
1,2-Dichloroethane	98		97		70-130	6		20
1,1,1-Trichloroethane	99		97		67-130	4		20
Bromodichloromethane	99		97		67-130	6		20
trans-1,3-Dichloropropene	106		104		70-130	9		20
cis-1,3-Dichloropropene	100		97		70-130	10		20
1,1-Dichloropropene	98		96		70-130	8		20
Bromoform	110		105		54-136	9		20
1,1,2,2-Tetrachloroethane	110		107		67-130	8		20
Benzene	98		95		70-130	7		20
Toluene	106		104		70-130	5		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG604510-4 WG604510-5								
Ethylbenzene	107		103		70-130	6		20
Chloromethane	90		107		64-130	19		20
Bromomethane	66		60		39-139	27	Q	20
Vinyl chloride	91		88		55-140	2		20
Chloroethane	112		109		55-138	9		20
1,1-Dichloroethene	100		98		61-145	6		20
trans-1,2-Dichloroethene	98		96		70-130	5		20
Trichloroethene	95		92		70-130	4		20
1,2-Dichlorobenzene	109		105		70-130	7		20
1,3-Dichlorobenzene	109		107		70-130	6		20
1,4-Dichlorobenzene	110		108		70-130	7		20
Methyl tert butyl ether	96		93		63-130	9		20
p/m-Xylene	108		105		70-130	5		20
o-Xylene	108		106		70-130	6		20
cis-1,2-Dichloroethene	98		95		70-130	4		20
Dibromomethane	102		98		70-130	6		20
1,2,3-Trichloropropane	115		112		64-130	9		20
Acrylonitrile	94		96		70-130	12		20
Isopropyl Ether	96		92		70-130	10		20
tert-Butyl Alcohol	92		84		70-130	2		20
Styrene	110		107		70-130	7		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307163

Project Number: 2283.0001Y000

Report Date: 05/01/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG604510-4 WG604510-5								
Dichlorodifluoromethane	85		84		36-147	5		20
Acetone	92		87		58-148	12		20
Carbon disulfide	92		91		51-130	6		20
2-Butanone	83		78		63-138	15		20
Vinyl acetate	94		92		70-130	14		20
4-Methyl-2-pentanone	99		96		59-130	13		20
2-Hexanone	102		98		57-130	20		20
Bromochloromethane	101		96		70-130	0		20
2,2-Dichloropropane	102		100		63-133	7		20
1,2-Dibromoethane	108		103		70-130	7		20
1,3-Dichloropropane	106		104		70-130	8		20
1,1,1,2-Tetrachloroethane	108		104		64-130	5		20
Bromobenzene	111		108		70-130	6		20
n-Butylbenzene	108		106		53-136	4		20
sec-Butylbenzene	109		108		70-130	6		20
tert-Butylbenzene	109		108		70-130	7		20
o-Chlorotoluene	88		87		70-130	11		20
p-Chlorotoluene	110		106		70-130	7		20
1,2-Dibromo-3-chloropropane	104		103		41-144	8		20
Hexachlorobutadiene	106		105		63-130	4		20
Isopropylbenzene	111		109		70-130	8		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG604510-4 WG604510-5								
p-Isopropyltoluene	110		108		70-130	6		20
Naphthalene	103		98		70-130	11		20
n-Propylbenzene	110		108		69-130	8		20
1,2,3-Trichlorobenzene	105		98		70-130	4		20
1,2,4-Trichlorobenzene	106		102		70-130	5		20
1,3,5-Trimethylbenzene	111		108		64-130	6		20
1,2,4-Trimethylbenzene	110		107		70-130	5		20
Methyl Acetate	94		92		70-130	9		20
Ethyl Acetate	90		88		70-130	12		20
Cyclohexane	94		93		70-130	10		20
Ethyl-Tert-Butyl-Ether	97		95		70-130	10		20
Tertiary-Amyl Methyl Ether	97		96		66-130	11		20
1,4-Dioxane	86		78		56-162	7		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		96		70-130	5		20
1,4-Diethylbenzene	106		105		70-130	7		20
4-Ethyltoluene	109		107		70-130	7		20
1,2,4,5-Tetramethylbenzene	109		102		70-130	5		20
Ethyl ether	97		94		59-134	10		20
trans-1,4-Dichloro-2-butene	101		98		70-130	14		20
Methyl cyclohexane	97		96		70-130	10		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG604510-4 WG604510-5

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		100		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	100		100		70-130

# SEMIVOLATILES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/26/13 13:07  
 Analyst: RC

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	80		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/26/13 15:51  
 Analyst: AS

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.07	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	79		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/26/13 13:34  
 Analyst: RC

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND		ug/l			1
-------------------------------------	----	--	------	--	--	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	81		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/26/13 16:20  
 Analyst: AS

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.12	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.06	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	79		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/26/13 14:01  
 Analyst: RC

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	85		41-149

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/26/13 16:49  
 Analyst: AS

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.07	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	78		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 04/26/13 14:29  
 Analyst: RC

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

**Tentatively Identified Compounds**

No Tentatively Identified Compounds	ND	ug/l	1
-------------------------------------	----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	76		41-149

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/26/13 17:18  
 Analyst: AS

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	64		41-149

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 04/26/13 10:51  
Analyst: RC

Extraction Method: EPA 3510C  
Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG603888-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis  
Batch Quality Control**

**Analytical Method:** 1,8270D  
**Analytical Date:** 04/26/13 10:51  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG603888-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

**Tentatively Identified Compounds**

No Tentatively Identified Compounds      ND      ug/l

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
 Analytical Date: 04/26/13 10:51  
 Analyst: RC

Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG603888-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	112		41-149

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270D-SIM  
**Analytical Date:** 04/26/13 12:55  
**Analyst:** AS

**Extraction Method:** EPA 3510C  
**Extraction Date:** 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG603892-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307163

Project Number: 2283.0001Y000

Report Date: 05/01/13

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
 Analytical Date: 04/26/13 12:55  
 Analyst: AS

Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 07:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG603892-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	87		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307163

Project Number: 2283.0001Y000

Report Date: 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG603888-2 WG603888-3								
1,2,4-Trichlorobenzene	69		54		39-98	24		30
Bis(2-chloroethyl)ether	75		60		40-140	22		30
1,2-Dichlorobenzene	63		50		40-140	23		30
1,3-Dichlorobenzene	60		48		40-140	22		30
1,4-Dichlorobenzene	63		50		36-97	23		30
3,3'-Dichlorobenzidine	72		61		40-140	17		30
2,4-Dinitrotoluene	106	Q	88		24-96	19		30
2,6-Dinitrotoluene	103		86		40-140	18		30
4-Chlorophenyl phenyl ether	97		81		40-140	18		30
4-Bromophenyl phenyl ether	105		85		40-140	21		30
Bis(2-chloroisopropyl)ether	76		61		40-140	22		30
Bis(2-chloroethoxy)methane	84		67		40-140	23		30
Hexachlorocyclopentadiene	54		43		40-140	23		30
Isophorone	82		68		40-140	19		30
Nitrobenzene	77		62		40-140	22		30
NitrosoDiPhenylAmine(NDPA)/DPA	101		83		40-140	20		30
n-Nitrosodi-n-propylamine	82		66		29-132	22		30
Bis(2-Ethylhexyl)phthalate	108		89		40-140	19		30
Butyl benzyl phthalate	106		87		40-140	20		30
Di-n-butylphthalate	108		91		40-140	17		30
Di-n-octylphthalate	116		94		40-140	21		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: THE DOE FUND ROGERS AVE.

Lab Number: L1307163

Project Number: 2283.0001Y000

Report Date: 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG603888-2 WG603888-3								
Diethyl phthalate	98		82		40-140	18		30
Dimethyl phthalate	99		82		40-140	19		30
Biphenyl	84		69			20		30
4-Chloroaniline	46		41		40-140	11		30
2-Nitroaniline	105		84		52-143	22		30
3-Nitroaniline	76		62		25-145	20		30
4-Nitroaniline	96		81		51-143	17		30
Dibenzofuran	94		78		40-140	19		30
1,2,4,5-Tetrachlorobenzene	77		64		2-134	18		30
Acetophenone	85		69		39-129	21		30
2,4,6-Trichlorophenol	100		82		30-130	20		30
P-Chloro-M-Cresol	99	Q	83		23-97	18		30
2-Chlorophenol	81		66		27-123	20		30
2,4-Dichlorophenol	93		74		30-130	23		30
2,4-Dimethylphenol	90		74		30-130	20		30
2-Nitrophenol	86		69		30-130	22		30
4-Nitrophenol	71		57		10-80	22		30
2,4-Dinitrophenol	105		86		20-130	20		30
4,6-Dinitro-o-cresol	110		88		20-164	22		30
Phenol	44		36		12-110	20		30
2-Methylphenol	82		66		30-130	22		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG603888-2 WG603888-3								
3-Methylphenol/4-Methylphenol	77		63		30-130	20		30
2,4,5-Trichlorophenol	106		86		30-130	21		30
Benzoic Acid	54		44			20		30
Benzyl Alcohol	75		62			19		30
Carbazole	104		86		55-144	19		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		48		21-120
Phenol-d6	43		36		10-120
Nitrobenzene-d5	81		68		23-120
2-Fluorobiphenyl	89		73		15-120
2,4,6-Tribromophenol	117		94		10-120
4-Terphenyl-d14	111		91		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG603892-2 WG603892-3								
Acenaphthene	78		70		37-111	11		40
2-Chloronaphthalene	71		65		40-140	9		40
Fluoranthene	88		86		40-140	2		40
Hexachlorobutadiene	63		57		40-140	10		40
Naphthalene	70		62		40-140	12		40
Benzo(a)anthracene	94		89		40-140	5		40
Benzo(a)pyrene	96		86		40-140	11		40
Benzo(b)fluoranthene	94		84		40-140	11		40
Benzo(k)fluoranthene	103		93		40-140	10		40
Chrysene	91		86		40-140	6		40
Acenaphthylene	78		71		40-140	9		40
Anthracene	92		90		40-140	2		40
Benzo(ghi)perylene	94		77		40-140	20		40
Fluorene	90		81		40-140	11		40
Phenanthrene	73		72		40-140	1		40
Dibenzo(a,h)anthracene	96		82		40-140	16		40
Indeno(1,2,3-cd)Pyrene	98		81		40-140	19		40
Pyrene	85		82		26-127	4		40
2-Methylnaphthalene	71		62		40-140	14		40
Pentachlorophenol	67		66		9-103	2		40
Hexachlorobenzene	69		68		40-140	1		40

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG603892-2 WG603892-3								
Hexachloroethane	67		61		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		46		21-120
Phenol-d6	37		35		10-120
Nitrobenzene-d5	79		71		23-120
2-Fluorobiphenyl	80		70		15-120
2,4,6-Tribromophenol	96		90		10-120
4-Terphenyl-d14	87		86		41-149

# PCBS

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 16:08  
 Analyst: KB

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	91		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	77		30-150

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 16:25  
 Analyst: KB

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		30-150
Decachlorobiphenyl	82		30-150
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	69		30-150

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 16:42  
 Analyst: KB

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	1	Q	30-150
Decachlorobiphenyl	18	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	1	Q	30-150
Decachlorobiphenyl	14	Q	30-150

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03 RE  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 05/01/13 09:00  
 Analyst: KB

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/30/13 14:04  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/30/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/30/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/l	0.159	0.105	1
Aroclor 1221	ND		ug/l	0.159	0.102	1
Aroclor 1232	ND		ug/l	0.159	0.059	1
Aroclor 1242	ND		ug/l	0.159	0.114	1
Aroclor 1248	ND		ug/l	0.159	0.097	1
Aroclor 1254	ND		ug/l	0.159	0.065	1
Aroclor 1260	ND		ug/l	0.159	0.060	1
Aroclor 1262	ND		ug/l	0.159	0.056	1
Aroclor 1268	ND		ug/l	0.159	0.071	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	79		30-150
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	76		30-150

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 16:59  
 Analyst: KB

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1
Aroclor 1262	ND		ug/l	0.083	0.029	1
Aroclor 1268	ND		ug/l	0.083	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	54		30-150
Decachlorobiphenyl	73		30-150
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	60		30-150

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis  
 Batch Quality Control**

Analytical Method: 1,8082A  
 Analytical Date: 04/25/13 14:43  
 Analyst: KB

Extraction Method: EPA 3510C  
 Extraction Date: 04/24/13 18:38  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 04/25/13  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 04/25/13

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG603798-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032
Aroclor 1262	ND		ug/l	0.083	0.029
Aroclor 1268	ND		ug/l	0.083	0.038

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	91		30-150
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	82		30-150



### Lab Control Sample Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG603798-2 WG603798-3								
Aroclor 1016	66		82		40-140	21		50
Aroclor 1260	78		84		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		67		30-150
Decachlorobiphenyl	89		92		30-150
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150
Decachlorobiphenyl	79		77		30-150

# PESTICIDES

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 13:45  
 Analyst: BW

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	102		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-02  
 Client ID: MW-2  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 13:58  
 Analyst: BW

Date Collected: 04/22/13 17:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	98		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-03  
 Client ID: MW-3  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 14:10  
 Analyst: BW

Date Collected: 04/22/13 18:45  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	114		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.**Lab Number:** L1307163**Project Number:** 2283.0001Y000**Report Date:** 05/01/13**SAMPLE RESULTS**

Lab ID: L1307163-04  
 Client ID: DUP  
 Sample Location: BROOKLYN, NY  
 Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 04/26/13 14:23  
 Analyst: BW

Date Collected: 04/22/13 17:00  
 Date Received: 04/23/13  
 Field Prep: See Narrative  
 Extraction Method: EPA 3510C  
 Extraction Date: 04/25/13 02:03  
 Cleanup Method1: EPA 3620B  
 Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Organochlorine Pesticides by GC - Westborough Lab</b>						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
cis-Chlordane	ND		ug/l	0.020	0.007	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	51		30-150	B

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 04/26/13 13:07  
Analyst: BW

Extraction Method: EPA 3510C  
Extraction Date: 04/25/13 02:03  
Cleanup Method1: EPA 3620B  
Cleanup Date1: 04/26/13

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG603860-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
cis-Chlordane	ND		ug/l	0.020	0.007
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	91		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Lab Number:** L1307163

**Project Number:** 2283.0001Y000

**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG603860-2 WG603860-3								
Delta-BHC	98		105		30-150	7		20
Lindane	100		115		30-150	14		20
Alpha-BHC	104		110		30-150	6		20
Beta-BHC	110		114		30-150	4		20
Heptachlor	104		115		30-150	10		20
Aldrin	100		112		30-150	12		20
Heptachlor epoxide	104		113		30-150	8		20
Endrin	114		126		30-150	10		20
Endrin ketone	85		94		30-150	10		20
Dieldrin	105		116		30-150	10		20
4,4'-DDE	103		112		30-150	8		20
4,4'-DDD	95		105		30-150	10		20
4,4'-DDT	102		112		30-150	9		20
Endosulfan I	103		113		30-150	9		20
Endosulfan II	92		101		30-150	10		20
Endosulfan sulfate	65		80		30-150	21	Q	20
Methoxychlor	109		120		30-150	10		20
cis-Chlordane	104		114		30-150	9		20
trans-Chlordane	107		115		30-150	7		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307163

**Report Date:** 05/01/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	------------

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG603860-2 WG603860-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	A
Decachlorobiphenyl	79		51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		88		30-150	B
Decachlorobiphenyl	93		65		30-150	B

## METALS

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

Lab ID: L1307163-01  
 Client ID: MW-1  
 Sample Location: BROOKLYN, NY  
 Matrix: Water

Date Collected: 04/22/13 16:20  
 Date Received: 04/23/13  
 Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	0.0333		mg/l	0.0100	0.00200	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Antimony, Total	0.00158		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Arsenic, Total	ND		mg/l	0.00050	0.00020	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Barium, Total	0.05383		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Cadmium, Total	0.00008	J	mg/l	0.00050	0.00005	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Calcium, Total	40.0		mg/l	0.100	0.0320	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Chromium, Total	0.00054	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Cobalt, Total	0.00087		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Copper, Total	0.00063	J	mg/l	0.00100	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Iron, Total	0.0769		mg/l	0.0500	0.0130	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Lead, Total	0.00024	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Magnesium, Total	15.0		mg/l	0.100	0.0230	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Manganese, Total	0.3613		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/27/13 09:17	04/29/13 10:18	EPA 7470A	1,7470A	JH
Nickel, Total	0.05993		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Potassium, Total	4.36		mg/l	0.100	0.0270	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Selenium, Total	0.00120	J	mg/l	0.00500	0.00030	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Sodium, Total	50.3		mg/l	1.50	0.150	10	04/24/13 08:03	04/24/13 14:01	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Vanadium, Total	0.00018	J	mg/l	0.00500	0.00010	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK
Zinc, Total	0.00147	J	mg/l	0.01000	0.00120	1	04/24/13 08:03	04/24/13 14:04	EPA 3005A	1,6020A	AK

**Dissolved Metals - Westborough Lab**

Aluminum, Dissolved	0.00285	J	mg/l	0.0100	0.00200	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Antimony, Dissolved	0.00046	J	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 11:49	NA	1,6020A	AK
Arsenic, Dissolved	0.00048	J	mg/l	0.00050	0.00020	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Barium, Dissolved	0.05241		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Cadmium, Dissolved	0.00007	J	mg/l	0.00050	0.00005	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-01  
**Client ID:** MW-1  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 16:20  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	40.1		mg/l	0.100	0.0320	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Chromium, Dissolved	0.00024	J	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Cobalt, Dissolved	0.00072		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Copper, Dissolved	0.00041	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Magnesium, Dissolved	15.6		mg/l	0.100	0.0230	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Manganese, Dissolved	0.3497		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/26/13 07:00	04/26/13 12:32	EPA 7470A	1,7470A	JH
Nickel, Dissolved	0.05939		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Potassium, Dissolved	4.40		mg/l	0.100	0.0270	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Selenium, Dissolved	0.00112	J	mg/l	0.00500	0.00030	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Silver, Dissolved	0.00137		mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Sodium, Dissolved	53.8		mg/l	1.00	0.150	10	04/24/13 15:00	04/30/13 09:59	NA	1,6020A	AK
Thallium, Dissolved	0.00003	J	mg/l	0.00050	0.00003	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Vanadium, Dissolved	0.00015	J	mg/l	0.00500	0.00010	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK
Zinc, Dissolved	0.00120	J	mg/l	0.01000	0.00120	1	04/24/13 15:00	04/30/13 10:02	NA	1,6020A	AK

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-02  
**Client ID:** MW-2  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 17:45  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	0.392		mg/l	0.0100	0.00200	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Antimony, Total	0.00091		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Arsenic, Total	0.00036	J	mg/l	0.00050	0.00020	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Barium, Total	0.06257		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Cadmium, Total	0.00005	J	mg/l	0.00050	0.00005	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Calcium, Total	28.6		mg/l	0.100	0.0320	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Chromium, Total	0.00136		mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Cobalt, Total	0.00184		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Copper, Total	0.00221		mg/l	0.00100	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Iron, Total	0.826		mg/l	0.0500	0.0130	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Lead, Total	0.00093	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Magnesium, Total	9.04		mg/l	0.100	0.0230	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Manganese, Total	0.2112		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/27/13 09:17	04/29/13 10:20	EPA 7470A	1,7470A	JH
Nickel, Total	0.03346		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Potassium, Total	5.52		mg/l	0.100	0.0270	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Selenium, Total	0.00219	J	mg/l	0.00500	0.00030	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Sodium, Total	65.1		mg/l	1.50	0.150	10	04/24/13 08:03	04/24/13 14:07	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Vanadium, Total	0.00158	J	mg/l	0.00500	0.00010	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK
Zinc, Total	0.00321	J	mg/l	0.01000	0.00120	1	04/24/13 08:03	04/24/13 14:11	EPA 3005A	1,6020A	AK

**Dissolved Metals - Westborough Lab**

Aluminum, Dissolved	0.0125		mg/l	0.0100	0.00200	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Antimony, Dissolved	0.00063		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Arsenic, Dissolved	0.00031	J	mg/l	0.00050	0.00020	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Barium, Dissolved	0.05130		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Cadmium, Dissolved	0.00005	J	mg/l	0.00050	0.00005	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-02  
**Client ID:** MW-2  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 17:45  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	28.4		mg/l	0.100	0.0320	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Chromium, Dissolved	0.00026	J	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Cobalt, Dissolved	0.00045	J	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Copper, Dissolved	0.00047	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Iron, Dissolved	0.0235	J	mg/l	0.0500	0.0130	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Magnesium, Dissolved	8.94		mg/l	0.100	0.0230	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Manganese, Dissolved	0.1307		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Mercury, Dissolved	0.00007	J	mg/l	0.00020	0.00006	1	04/26/13 07:00	04/26/13 12:34	EPA 7470A	1,7470A	JH
Nickel, Dissolved	0.02273		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Potassium, Dissolved	5.44		mg/l	0.100	0.0270	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Selenium, Dissolved	0.00192	J	mg/l	0.00500	0.00030	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Silver, Dissolved	0.00054	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Sodium, Dissolved	67.6		mg/l	1.00	0.150	10	04/24/13 15:00	04/30/13 10:16	NA	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Vanadium, Dissolved	0.00031	J	mg/l	0.00500	0.00010	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK
Zinc, Dissolved	0.00123	J	mg/l	0.01000	0.00120	1	04/24/13 15:00	04/30/13 10:19	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-03  
**Client ID:** MW-3  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 18:45  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	0.0967		mg/l	0.0100	0.00200	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Antimony, Total	0.00059		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Arsenic, Total	0.00026	J	mg/l	0.00050	0.00020	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Barium, Total	0.07690		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Cadmium, Total	0.00008	J	mg/l	0.00050	0.00005	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Calcium, Total	33.2		mg/l	0.100	0.0320	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Chromium, Total	0.00072	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Cobalt, Total	0.00171		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Copper, Total	0.00103		mg/l	0.00100	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Iron, Total	0.230		mg/l	0.0500	0.0130	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Lead, Total	0.00038	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Magnesium, Total	9.29		mg/l	0.100	0.0230	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Manganese, Total	0.2958		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/27/13 09:17	04/29/13 10:22	EPA 7470A	1,7470A	JH
Nickel, Total	0.07133		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Potassium, Total	6.55		mg/l	0.100	0.0270	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Selenium, Total	0.00280	J	mg/l	0.00500	0.00030	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Sodium, Total	60.1		mg/l	1.50	0.150	10	04/24/13 08:03	04/24/13 14:14	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Vanadium, Total	0.00035	J	mg/l	0.00500	0.00010	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
Zinc, Total	0.00243	J	mg/l	0.01000	0.00120	1	04/24/13 08:03	04/24/13 14:17	EPA 3005A	1,6020A	AK
<b>Dissolved Metals - Westborough Lab</b>											
Aluminum, Dissolved	0.00364	J	mg/l	0.0100	0.00200	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Antimony, Dissolved	0.00049	J	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Arsenic, Dissolved	0.00033	J	mg/l	0.00050	0.00020	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Barium, Dissolved	0.07452		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Cadmium, Dissolved	0.00009	J	mg/l	0.00050	0.00005	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-03  
**Client ID:** MW-3  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 18:45  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	32.3		mg/l	0.100	0.0320	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Chromium, Dissolved	0.00039	J	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Cobalt, Dissolved	0.00069		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Copper, Dissolved	0.00051	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Magnesium, Dissolved	9.39		mg/l	0.100	0.0230	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Manganese, Dissolved	0.1784		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/26/13 07:00	04/26/13 12:36	EPA 7470A	1,7470A	JH
Nickel, Dissolved	0.06583		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Potassium, Dissolved	6.48		mg/l	0.100	0.0270	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Selenium, Dissolved	0.00275	J	mg/l	0.00500	0.00030	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Silver, Dissolved	0.00063	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Sodium, Dissolved	65.8		mg/l	1.00	0.150	10	04/24/13 15:00	04/30/13 10:22	NA	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Vanadium, Dissolved	0.00022	J	mg/l	0.00500	0.00010	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK
Zinc, Dissolved	0.00150	J	mg/l	0.01000	0.00120	1	04/24/13 15:00	04/30/13 10:26	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-04  
**Client ID:** DUP  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 17:00  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Westborough Lab</b>											
Aluminum, Total	0.0305		mg/l	0.0100	0.00200	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Antimony, Total	0.00044	J	mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Arsenic, Total	0.00022	J	mg/l	0.00050	0.00020	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Barium, Total	0.05343		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Cadmium, Total	0.00007	J	mg/l	0.00050	0.00005	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Calcium, Total	38.8		mg/l	0.100	0.0320	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Chromium, Total	0.00045	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Cobalt, Total	0.00092		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Copper, Total	0.00076	J	mg/l	0.00100	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Iron, Total	0.0697		mg/l	0.0500	0.0130	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Lead, Total	0.00023	J	mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Magnesium, Total	14.2		mg/l	0.100	0.0230	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Manganese, Total	0.3660		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.00020	0.00006	1	04/27/13 09:17	04/29/13 10:24	EPA 7470A	1,7470A	JH
Nickel, Total	0.06082		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Potassium, Total	4.16		mg/l	0.100	0.0270	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Selenium, Total	0.00110	J	mg/l	0.00500	0.00030	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Sodium, Total	48.3		mg/l	0.150	0.0150	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Vanadium, Total	0.00035	J	mg/l	0.00500	0.00010	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
Zinc, Total	0.00176	J	mg/l	0.01000	0.00120	1	04/24/13 08:03	04/24/13 14:24	EPA 3005A	1,6020A	AK
<b>Dissolved Metals - Westborough Lab</b>											
Aluminum, Dissolved	0.00244	J	mg/l	0.0100	0.00200	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Antimony, Dissolved	0.00038	J	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Arsenic, Dissolved	0.00028	J	mg/l	0.00050	0.00020	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Barium, Dissolved	0.05067		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Cadmium, Dissolved	0.00010	J	mg/l	0.00050	0.00005	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**SAMPLE RESULTS**

**Lab ID:** L1307163-04  
**Client ID:** DUP  
**Sample Location:** BROOKLYN, NY  
**Matrix:** Water

**Date Collected:** 04/22/13 17:00  
**Date Received:** 04/23/13  
**Field Prep:** See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	38.3		mg/l	0.100	0.0320	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Chromium, Dissolved	0.00030	J	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Cobalt, Dissolved	0.00069		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Copper, Dissolved	0.00045	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Iron, Dissolved	ND		mg/l	0.0500	0.0130	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Lead, Dissolved	ND		mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Magnesium, Dissolved	14.9		mg/l	0.100	0.0230	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Manganese, Dissolved	0.3446		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/26/13 07:00	04/26/13 12:38	EPA 7470A	1,7470A	JH
Nickel, Dissolved	0.05776		mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Potassium, Dissolved	4.21		mg/l	0.100	0.0270	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Selenium, Dissolved	0.00113	J	mg/l	0.00500	0.00030	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Silver, Dissolved	0.00051	J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Sodium, Dissolved	53.2		mg/l	1.00	0.150	10	04/24/13 15:00	04/30/13 10:32	NA	1,6020A	AK
Thallium, Dissolved	ND		mg/l	0.00050	0.00003	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Vanadium, Dissolved	0.00013	J	mg/l	0.00500	0.00010	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK
Zinc, Dissolved	0.00125	J	mg/l	0.01000	0.00120	1	04/24/13 15:00	04/30/13 10:29	NA	1,6020A	AK



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

## Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG603571-1										
Aluminum, Total	ND		mg/l	0.0100	0.00200	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Antimony, Total	0.00020	J	mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Arsenic, Total	ND		mg/l	0.00050	0.00020	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Barium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Cadmium, Total	ND		mg/l	0.00050	0.00005	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Calcium, Total	0.0454	J	mg/l	0.100	0.0320	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Chromium, Total	ND		mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Cobalt, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Copper, Total	ND		mg/l	0.00100	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Iron, Total	ND		mg/l	0.0500	0.0130	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Lead, Total	ND		mg/l	0.00100	0.00020	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.0230	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Manganese, Total	0.00011	J	mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Nickel, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.0270	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Selenium, Total	ND		mg/l	0.00500	0.00030	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Silver, Total	ND		mg/l	0.00050	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Sodium, Total	ND		mg/l	0.150	0.0150	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Thallium, Total	ND		mg/l	0.00050	0.00003	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Vanadium, Total	ND		mg/l	0.00500	0.00010	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK
Zinc, Total	ND		mg/l	0.01000	0.00120	1	04/24/13 08:03	04/24/13 13:24	1,6020A	AK

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-04 Batch: WG604141-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	04/26/13 07:00	04/26/13 12:29	1,7470A	JH



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG604284-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	04/27/13 09:17	04/29/13 09:58	1,7470A	JH

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-04 Batch: WG604841-1									
Aluminum, Dissolved	ND	mg/l	0.0100	0.00200	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Antimony, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Arsenic, Dissolved	0.00029 J	mg/l	0.00050	0.00020	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Barium, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Beryllium, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Cadmium, Dissolved	ND	mg/l	0.00050	0.00005	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Calcium, Dissolved	ND	mg/l	0.100	0.0320	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Chromium, Dissolved	ND	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Cobalt, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Copper, Dissolved	ND	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Iron, Dissolved	ND	mg/l	0.0500	0.0130	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Lead, Dissolved	ND	mg/l	0.00100	0.00020	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Magnesium, Dissolved	ND	mg/l	0.100	0.0230	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Manganese, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Nickel, Dissolved	ND	mg/l	0.00050	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Potassium, Dissolved	ND	mg/l	0.100	0.0270	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Selenium, Dissolved	ND	mg/l	0.00500	0.00030	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Silver, Dissolved	0.00062 J	mg/l	0.00100	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Sodium, Dissolved	ND	mg/l	0.100	0.0150	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Thallium, Dissolved	0.00019 J	mg/l	0.00050	0.00003	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
Vanadium, Dissolved	ND	mg/l	0.00500	0.00010	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

### Method Blank Analysis Batch Quality Control

---

Zinc, Dissolved	ND	mg/l	0.01000	0.00120	1	04/24/13 15:00	04/30/13 09:32	1,6020A	AK
-----------------	----	------	---------	---------	---	----------------	----------------	---------	----

---

#### Prep Information

---

Digestion Method: NA



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG603571-2								
Aluminum, Total	107		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	109		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	116		-		80-120	-		
Cadmium, Total	110		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	108		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	111		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	91		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	105		-		80-120	-		



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307163

**Report Date:** 05/01/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG603571-2					
Zinc, Total	111	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG604141-2					
Mercury, Dissolved	88	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG604284-2					
Mercury, Total	93	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307163

**Report Date:** 05/01/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG604841-2					
Aluminum, Dissolved	106	-	80-120	-	
Antimony, Dissolved	92	-	80-120	-	
Arsenic, Dissolved	110	-	80-120	-	
Barium, Dissolved	97	-	80-120	-	
Beryllium, Dissolved	109	-	80-120	-	
Cadmium, Dissolved	106	-	80-120	-	
Calcium, Dissolved	101	-	80-120	-	
Chromium, Dissolved	101	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	103	-	80-120	-	
Iron, Dissolved	101	-	80-120	-	
Lead, Dissolved	100	-	80-120	-	
Magnesium, Dissolved	103	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	108	-	80-120	-	
Selenium, Dissolved	112	-	80-120	-	
Silver, Dissolved	80	-	80-120	-	
Sodium, Dissolved	111	-	80-120	-	
Thallium, Dissolved	95	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307163

**Report Date:** 05/01/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG604841-2					
Zinc, Dissolved	109	-	80-120	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG603571-3 WG603571-4 QC Sample: L1307222-03 Client ID: MS Sample												
Aluminum, Total	0.532	2	2.82	114		2.72	109		80-120	4		20
Antimony, Total	0.00303J	0.5	0.4633	93		0.4919	98		80-120	6		20
Arsenic, Total	ND	0.12	0.1343	112		0.1401	117		80-120	4		20
Barium, Total	0.06345	2	2.089	101		2.147	104		80-120	3		20
Beryllium, Total	ND	0.05	0.05090	102		0.05021	100		80-120	1		20
Cadmium, Total	ND	0.51	0.5173	101		0.5276	103		80-120	2		20
Calcium, Total	636.	10	696	600	Q	674	380	Q	80-120	3		20
Chromium, Total	0.01599	0.2	0.2153	100		0.2193	102		80-120	2		20
Cobalt, Total	0.00703	0.5	0.5146	102		0.5221	103		80-120	1		20
Copper, Total	0.01076	0.25	0.2679	103		0.2717	104		80-120	1		20
Iron, Total	1.29	1	2.28	99		2.29	100		80-120	0		20
Lead, Total	0.00351J	0.51	0.5476	107		0.5640	110		80-120	3		20
Magnesium, Total	61.7	10	78.0	163	Q	76.4	147	Q	80-120	2		20
Manganese, Total	0.03878	0.5	0.5339	99		0.5394	100		80-120	1		20
Nickel, Total	0.01597	0.5	0.5165	100		0.5339	104		80-120	3		20
Potassium, Total	93.7	10	111	173	Q	110	163	Q	80-120	1		20
Selenium, Total	0.0448J	0.12	0.166	138	Q	0.167	139	Q	80-120	1		20
Silver, Total	ND	0.05	0.05056	101		0.05244	105		80-120	4		20
Sodium, Total	556.	10	597	410	Q	591	350	Q	80-120	1		20
Thallium, Total	ND	0.12	0.1168	97		0.1204	100		80-120	3		20
Vanadium, Total	0.00180J	0.5	0.5386	108		0.5541	111		80-120	3		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG603571-3 WG603571-4 QC Sample: L1307222-03 Client ID: MS Sample									
Zinc, Total	0.02339J	0.5	0.5259	105	0.5324	106	80-120	1	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG604141-3 WG604141-4 QC Sample: L1307222-03 Client ID: MS Sample									
Mercury, Dissolved	0.00014J	0.001	0.00130	131	Q 0.00130	131	Q 70-130	0	20
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG604284-4 QC Sample: L1307162-01 Client ID: MS Sample									
Mercury, Total	ND	0.001	0.00129	129	-	-	70-130	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG604841-3 WG604841-4 QC Sample: L1307222-03 Client ID: MS Sample									
Aluminum, Dissolved	0.113	2	2.33	111	2.21	105	80-120	5	20
Antimony, Dissolved	0.00214J	0.5	0.3832	77	Q 0.3928	78	Q 80-120	2	20
Arsenic, Dissolved	ND	0.12	0.1323	110	0.1355	113	80-120	2	20
Barium, Dissolved	0.04606	2	2.000	98	2.011	98	80-120	1	20
Beryllium, Dissolved	ND	0.05	0.05293	106	0.04966	99	80-120	6	20
Cadmium, Dissolved	ND	0.51	0.5097	100	0.5175	101	80-120	2	20
Calcium, Dissolved	580.	10	628	480	Q 599	190	Q 80-120	5	20
Chromium, Dissolved	0.00290J	0.2	0.1990	100	0.2006	100	80-120	1	20
Cobalt, Dissolved	0.00619	0.5	0.5038	100	0.5064	100	80-120	1	20
Copper, Dissolved	0.00724J	0.25	0.2622	105	0.2617	105	80-120	0	20
Iron, Dissolved	0.316J	1	1.47	147	Q 1.24	124	Q 80-120	17	20
Lead, Dissolved	ND	0.51	0.5255	103	0.5286	104	80-120	1	20
Magnesium, Dissolved	65.0	10	76.9	119	74.3	93	80-120	3	20
Manganese, Dissolved	0.02611	0.5	0.5057	96	0.5064	96	80-120	0	20
Nickel, Dissolved	0.01131	0.5	0.5080	99	0.5022	98	80-120	1	20
Potassium, Dissolved	94.8	10	106	112	102	72	Q 80-120	4	20
Selenium, Dissolved	0.0482J	0.12	0.168	140	Q 0.169	141	Q 80-120	1	20
Silver, Dissolved	ND	0.05	0.03666	73	Q 0.04016	80	80-120	9	20
Sodium, Dissolved	592.	10	604	120	589	0	Q 80-120	3	20
Thallium, Dissolved	ND	0.12	0.1192	99	0.1189	99	80-120	0	20
Vanadium, Dissolved	ND	0.5	0.5232	105	0.5281	106	80-120	1	20



### Matrix Spike Analysis Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG604841-3 WG604841-4 QC Sample: L1307222-03 Client ID: MS Sample									
Zinc, Dissolved	0.02044J	0.5	0.5121	102	0.5109	102	80-120	0	20

## Lab Duplicate Analysis

Batch Quality Control

**Project Name:** THE DOE FUND ROGERS AVE.

**Project Number:** 2283.0001Y000

**Lab Number:** L1307163

**Report Date:** 05/01/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG604284-3 QC Sample: L1307162-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

### Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

#### Cooler Information Custody Seal

##### Cooler

A Absent  
 B Absent

#### Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307163-01A	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-01B	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-01C	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-01D	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-01E	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-01F	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8081(7)
L1307163-01G	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8081(7)
L1307163-01H	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-01I	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-01J	Plastic 500ml HNO3 preserved	A	<2	3.5	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1307163-01K	Plastic 500ml unpreserved	A	7	3.5	Y	Absent	-
L1307163-01X	Plastic 250ml HNO3 preserved spl	A	<2	3.5	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

\*Values in parentheses indicate holding time in days

Project Name: THE DOE FUND ROGERS AVE.

Project Number: 2283.0001Y000

Lab Number: L1307163

Report Date: 05/01/13

## Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307163-01Y	Plastic 250ml NaOH preserved	A	>12	3.5	Y	Absent	-
L1307163-02A	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-02B	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-02C	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-02D	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-02E	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-02F	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8081(7)
L1307163-02G	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8081(7)
L1307163-02H	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-02I	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-02J	Plastic 500ml HNO3 preserved	B	<2	2.5	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1307163-02K	Plastic 500ml unpreserved	B	7	2.5	Y	Absent	-
L1307163-02X	Plastic 250ml HNO3 preserved spl	B	<2	2.5	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1307163-02Y	Plastic 250ml NaOH preserved	B	>12	2.5	Y	Absent	-
L1307163-03A	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-03B	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-03C	Vial HCl preserved	B	N/A	2.5	Y	Absent	NYTCL-8260(14)
L1307163-03D	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-03E	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-03F	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8081(7)
L1307163-03G	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8081(7)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307163-03H	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-03I	Amber 1000ml unpreserved	B	7	2.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-03J	Plastic 500ml HNO3 preserved	B	<2	2.5	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1307163-03K	Plastic 500ml unpreserved	B	7	2.5	Y	Absent	-
L1307163-03X	Plastic 250ml HNO3 preserved spl	B	<2	2.5	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1307163-03Y	Plastic 250ml NaOH preserved	B	>12	2.5	Y	Absent	-
L1307163-04A	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-04B	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-04C	Vial HCl preserved	A	N/A	3.5	Y	Absent	NYTCL-8260(14)
L1307163-04D	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-04E	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1307163-04F	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8081(7)
L1307163-04G	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8081(7)
L1307163-04H	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-04I	Amber 1000ml unpreserved	A	7	3.5	Y	Absent	NYTCL-8082-1200ML(7)
L1307163-04J	Plastic 500ml HNO3 preserved	A	<2	3.5	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

\*Values in parentheses indicate holding time in days



**Project Name:** THE DOE FUND ROGERS AVE.**Project Number:** 2283.0001Y000**Lab Number:** L1307163**Report Date:** 05/01/13**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1307163-04K	Plastic 500ml unpreserved	A	7	3.5	Y	Absent	-
L1307163-04X	Plastic 250ml HNO3 preserved spl	A	<2	3.5	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1307163-04Y	Plastic 250ml NaOH preserved	A	>12	3.5	Y	Absent	-

**Container Comments**

L1307163-01B

L1307163-02B

L1307163-03B

\*Values in parentheses indicate holding time in days

**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

## GLOSSARY

### Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported

**Report Format:** DU Report with "J" Qualifiers



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

**Data Qualifiers**

due to obvious interference.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with "J" Qualifiers

---



**Project Name:** THE DOE FUND ROGERS AVE.  
**Project Number:** 2283.0001Y000

**Lab Number:** L1307163  
**Report Date:** 05/01/13

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised December 19, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 6010C, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8330, 8151A, 8260B, 8260C, 8270C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil* (Inorganic Parameters: 9010B, 9012A, 9014, 9030B, 9040B, 9045C, 6010B, 6010C, 6020, 6020A, 7471A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8270D, 8330, 8151A, 8081A, 8081B, 8082, 8082A, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

*Drinking Water* (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; Colilert QT SM9223B; MF-SM9222D.)

*Non-Potable Water (Inorganic Parameters:* (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

*Organic Parameters:* (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. *Microbiology Parameters:* (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. *Organic Parameters:* 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. *Organic Parameters:* SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. *Organic Parameters:* SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. *Organic Parameters:* EPA 332, 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. *Organic Parameters:* SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. *Organic Parameters:* SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010C, 9030B. *Organic Parameters:* EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012B, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. *Organic Parameters:* EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C,

3546, 3580A, 5030B, 5035A-H, 5035A-L.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters:** SM2310B, 2320B, 4500CI-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. **Organic Parameters:** 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

*Drinking Water Program Certificate/Lab ID:* 25700. (**Inorganic Parameters:** Chloride EPA 300.0. **Organic Parameters:** 524.2)

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. **Organic Parameters:** EPA 524.2, 504.1)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500CI-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. **Organic Parameters:** 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

**Rhode Island Department of Health Certificate/Lab ID:** LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

**Texas Commission on Environmental Quality Certificate/Lab ID:** T104704476. **NELAP Accredited.**

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. **Organic Parameters:** EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:** 460195. **NELAP Accredited.**

*Drinking Water (Inorganic Parameters:* EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500NO3-F, 5310C. **Organic Parameters:** EPA 504.1, 524.2.)

*Non-Potable Water (Inorganic Parameters:* EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CI-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. **Organic Parameters:** EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, )

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. **Organic Parameters:** EPA 5030B, 5035, 3540C, 3546, 355B0, 3580A, 3630C, 6020A, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

**Department of Defense, L-A-B Certificate/Lab ID:** L2217.

*Drinking Water (Inorganic Parameters:* SM 4500H-B. **Organic Parameters:** EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. **Organic Parameters:** EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

**The following analytes are not included in our current NELAP/TNI Scope of Accreditation:**

**EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO<sub>2</sub> in a soil matrix, NO<sub>3</sub> in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.



# CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 4/23/13

ALPHA Job #: L1307163

WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3288

**Project Information**Project Name: *The Doe Fund - Rogers Ave*Project Location: *Brooklyn, NY*Project #: *2283.0001Y000*Project Manager: *Jessica Taylor*

ALPHA Quote #:

**Turn-Around Time** Standard  RUSH (only confirmed if pre-approved!)Date Due: *4/30/13* Time:**Report Information - Data Deliverables**
 FAX  EMAIL  
 ADEX  Add'l Deliverables
**Billing Information** Same as Client info PO #:**Client Information**Client: *Roux Associates, Inc.*Address: *209 Shatter Street  
Islandia, NY 11749*Phone: *(631) 232-2600*Fax: *(631) 232-9898*Email: *jtaylor@rouxinc.com* These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

**Regulatory Requirements/Report Limits**

State /Fed Program Criteria

**ANALYSIS**

VOCs Method 8260  
SVOCs Method 8270  
Pest/PCBs Method 8081/8082  
TRM Metals Method 6010/6011  
Filtered (Dissolved)  
Unfiltered (Total)

**SAMPLE HANDLING**

Filtration \_\_\_\_\_

Done  
 Not needed  
 Lab to do  
 Preservation  
 Lab to do  
 (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS						Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			VOCs Method 8260	SVOCs Method 8270	Pest/PCBs Method 8081/8082	TRM Metals Method 6010/6011	Filtered (Dissolved)	Unfiltered (Total)		
07163-01	MW-1	4/22/13	1620	GW	CS	X	X	X	X	X	X		
-02	MW-2	4/22/13	1745	GW	CS	X	X	X	X	X	X		
-03	MW-3	4/22/13	1845	GW	CS	X	X	X	X	X	X		
-04	DLP	4/22/13	1700	GW	CS	X	X	X	X	X	X		
	Temp Blank			AQ									

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

*Chris...*  
*Steve...*

4/22/13 1200  
 4/23/13 1900  
 4/23/13 22:15

*Jessica Taylor*  
*J. Taylor*

4/23/13 1200  
 4/23/13 1800  
 4/23/13 22:15