

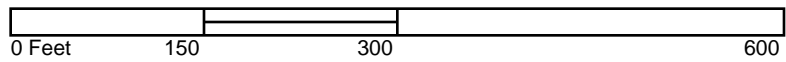
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Certification # 1EB6-4F8B-9E2C

Site Name: 361203 PM
 Address: 445 Gerard Avenue
 City, ST, ZIP: Bronx, NY 10451
 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
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This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 385
 Volume 9, Sheet 205
 Volume 9, Sheet 194



361203 PM

445 Gerard Avenue
Bronx, NY 10451

Inquiry Number: 4692214.5
August 04, 2016

The EDR-City Directory Abstract

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1927 through 2013. 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>
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1993	New York Telephone	X	X	X	-
1983	New York Telephone	X	-	X	-
1976	New York Telephone Company	X	-	X	-
1971	New York Telephone	X	X	X	-
1965	New York Telephone Company	X	X	X	-
1961	New York Telephone	X	X	X	-
1956	New York Telephone	X	X	X	-
1949	New York Telephone	X	X	X	-
1940	New York Telephone	X	X	X	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	X	X	-
1927	New York Telephone	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

445 Gerard Avenue
Bronx, NY 10451

FINDINGS DETAIL

Target Property research detail.

GERARD AVE

445 GERARD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	AAA GLASS & MIRROR SUPLS	Cole Information Services
	JESSE SHAPIRO & JAMES GLASS CORP	Cole Information Services
	STONE SERVICES	Cole Information Services
2008	A STONE SERVICES CORP	Cole Information Services
	AAA GLASS & MIRROR SUPPLIES	Cole Information Services
	JESSE SHAPIRO & JAMES GLASS CORP	Cole Information Services
2005	AAA Glass & Mirror Supis	Hill-Donnelly Information Services
	Jesse Shapiro & James Glass	Hill-Donnelly Information Services
2000	AAA GLS & MIR SUPLS	Cole Information Services
	JESSE SHAPIRO & JMS	Cole Information Services
	SHAPIRO & JAMES CRP	Cole Information Services
1993	A STONE SVCES	New York Telephone
	AAA GLASS & MIRROR SUPLS	New York Telephone
	ALL HANDS DISPOSABLE INC	New York Telephone
	JESSE SHAPIRO & JAMES GLASS CORP	New York Telephone
	SHAPIRO & JAMES JESSE GLASS CORP	New York Telephone
	STONE SERVICES INC	New York Telephone
1983	A STONE SVCES	New York Telephone
	JESSE SHAPIRO & JAMES INC	New York Telephone
	STONE SERVICES INC	New York Telephone
1976	KUSTOM AUTO COLLISION	New York Telephone Company
1971	LENOX MAINTENANCE CORP	New York Telephone
1965	SUPER ADJSTMT CO	New York Telephone Company
	SUPER OPERATING CORP	New York Telephone Company
1961	SUPER OPERATING CORP	New York Telephone
1956	SUPER OPERATING CORP	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	DELMART SVCE CORP GARAGE	New York Telephone
1940	Gehn Harry auto parts	New York Telephone
	Harrigan Auto Parts Co Inc	New York Telephone
	Philco Sales & Svce Corp radios	New York Telephone
1927	Gehn Harry Auto Co	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

E 146

124 E 146

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	SYMONDSON ERIC	New York Telephone

E 146TH

124 E 146TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Wandmacher Klaus	New York Telephone
1931	Weiss Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	OConnor Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Flanagan Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Big Sisters Inc	New York Telephone
	Home	New York Telephone

125 E 146TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Stephens Roderick Jr	New York Telephone
1931	Stephens Olin J	Manhattan and Bronx Directory Publishing Company Residential Directory
	Fraser John E	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Stephens Olin J r	New York Telephone

GERARD AVE

444 GERARD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	OMEGA	Cole Information Services
	NEW LIFE MASONRY & WATERPROOFING	Cole Information Services
2008	OMEGA	Cole Information Services
	OMEGA RADIO COMMUNICATIONS	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Omega	Hill-Donnelly Information Services
2000	OMEGA	Cole Information Services
1993	SAGE PLUMBING & HEATING CORP	New York Telephone
1971	RODNEY MAINTNCE CORP	New York Telephone
1965	RODNEY MAINTNCE CORP	New York Telephone Company
	RODNEY MAINTNCE CORP	New York Telephone Company
1961	FLUR HERMAN L INS	New York Telephone
	FEM CORP TAXIS	New York Telephone
	FEM CORP GARGE	New York Telephone
1956	FREDOR CAB INC	New York Telephone
	FLUR HERMAN L INS	New York Telephone
	FEM CORP TAXIS	New York Telephone
	FEM CORP GARGE	New York Telephone

451 GERARD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Gehn Harry Auto Co	New York Telephone

S GERARD AVE

451 S GERARD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Gehns Garage Inc	New York Telephone

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

445 Gerard Avenue

Address Not Identified in Research Source

1931

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

124 E 146

124 E 146TH

125 E 146TH

444 GERARD AVE

444 GERARD AVE

451 GERARD AVE

451 S GERARD AVE

Address Not Identified in Research Source

2013, 2008, 2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1940, 1931, 1927

2013, 2008, 2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949

2013, 2008, 2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949

2013, 2008, 1983, 1976, 1949, 1940, 1931, 1927

2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927

2013, 2008, 2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931

2013, 2008, 2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1931, 1927

APPENDIX E

REGULATORY AGENCY RECORDS



445 GERARD AVENUE, BRONX 10451**- Building & Property Information**

Borough: Bronx **Block:** 2351 **Lot:** 12
Police Precinct: 40
Owner: 445 GERARD AVENUE LLC

Address: 445 GERARD AVENUE, BRONX 10451

Lot Area: 10000 sf

Lot Frontage: 100' **Lot Depth:** 100

Year Built: 1931 (estimated)

Number of Buildings: 1

Number of Floors: 1

Gross Floor Area: 10,000 sf (estimated)

Residential Units: 0 **Total # of Units:** 1

Land Use: Industrial and Manufacturing

Zoning: M1-4/R8A

Commercial Overlay:

Zoning Map #: 6A

Dept. of City Planning, PLUTO 16v1 © 2016 and other city agency sources

Links to More Information

[Address Translator](#)

[Building ECB Violations](#)

[Building Elevator Information](#)

[Building Profile](#)

[Building Registration/Violation](#)

[DCP Zoning Map 6A](#)

[DOF Digital Tax Map](#)

[DOHMH Rat Information Portal](#)

[Poll Site Locator](#)

[School & Zone Finder](#)

[Tax and Property Records](#)

CERTIFICATE OF OCCUPANCY

OWNER

No. 5111

JUN 19 1923

191

To

Harry John Auto Co

of

From

445 to 59 Harvard Ave

COPIES

DATE	NAME	ADDRESS
JUN 19 1923	Mailed to above	

STORIES	CLASSIFICATION	CONSTRUCTION
1	Garage + Auto Painting	Brick

FLOORS	OCCUPANCY
Sub-Cellar . . .	
Cellar	
Basement	
First Floor . . .	Concrete on earth

Existing Building

CERTIFICATE OF OCCUPANCY
JUN 19 1953

THIS CERTIFICATE IS ISSUED TO THE
OWNER OF THE PREMISES DESCRIBED
HEREIN AND IS VALID FOR THE PERIOD
OF SIX MONTHS FROM THE DATE OF
ISSUE.

DATE OF EXAMINATION: _____

NAME OF INSPECTOR: _____

ADDRESS OF PREMISES: _____

CITY AND STATE: _____

LOCALITY: _____

REMARKS: _____

DATE OF EXPIRATION: _____

NAME OF OWNER: _____

ADDRESS OF OWNER: _____

CITY AND STATE OF OWNER: _____

LOCALITY OF OWNER: _____

REMARKS: _____

DATE OF EXPIRATION: _____

NAME OF OWNER: _____

ADDRESS OF OWNER: _____

CITY AND STATE OF OWNER: _____

LOCALITY OF OWNER: _____

REMARKS: _____

DATE OF EXPIRATION: _____

NAME OF OWNER: _____

ADDRESS OF OWNER: _____

CITY AND STATE OF OWNER: _____

LOCALITY OF OWNER: _____

REMARKS: _____

DATE OF EXPIRATION: _____

NAME OF OWNER: _____

ADDRESS OF OWNER: _____

CITY AND STATE OF OWNER: _____

DEPARTMENT OF BUILDINGS

BOROUGH OF **THE BRONX**, THE CITY OF NEW YORK

Date **AUG 17 1964** (Date of Issue) **YONKERS** DISTRICT **NO. 38287**

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
445 Gerard Avenue Block **2351** Lot **12**

That the zoning lot and premises above referred to are situated, bounded and described as follows:
 BEGINNING at a point on the **west** side of **Gerard Avenue**
 distant **0** feet **south** from the corner formed by the intersection of
Gerard Avenue and **146th Street**
 running thence **south 100.09** feet; thence **west 100** feet;
 thence **north 100.09** feet; thence **east 100** 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 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Alt. No.— **263-63** Construction classification— **Non-fireproof**
 Occupancy classification— **Commercial.** Height **Cellar & 1** stories, **12** feet.
 Date of completion— **6/25/64** Located in **M 1 - 2** Zoning District.
 at time of issuance of permit.

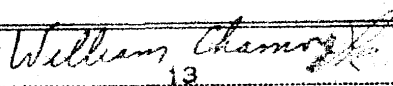
This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: } (Calendar numbers to be inserted here)
 and The City Planning Commission:

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces **no parking required.**
 Off-Street Loading Berths **no loading berth required.**

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar	On Ground		Boiler Room.
First	On Ground & 120	24	Motor Vehicle Repair Shop (no body or fender work, no welding). (Use Group 16), Commercial Parking and Storage. (Use Group 16C), Offices (Use Group 6).

PERFORMANCE STANDARDS FOR M1-2 DISTRICT TO BE COMPLIED WITH.


 13
 Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

DEPARTMENT OF BUILDINGS

BOROUGH OF THE CITY OF NEW YORK
 (continued) PERMITS AND OCCUPANCY

STORY	PERMITS AND OCCUPANCY	PERMITS AND OCCUPANCY	PERMITS AND OCCUPANCY	PERMITS AND OCCUPANCY
1st
2nd
3rd
4th
5th
6th
7th
8th
9th
10th
11th
12th

OFFICE COPY - DEPARTMENT OF BUILDINGS
 Borough Superintendent

BJ
A.E. 278-80

HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH THE BOROX

DATE: MAR 6 1981 NO. 52919

This certificate supersedes C.O. No. 49341-74 ZONING DISTRICT M1-2
THIS CERTIFIES that the ~~newly altered existing~~ building premises located at
445 Gerard Avenue SWC East 146th Street Block 2351 Lot 12
CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING	RESOLUTION	BUILDING CODE		DESCRIPTION OF USE
			DWELLING OR ROOMING UNITS	USE GROUP	HABITABLE ROOMS	OCCUPANCY GROUP	
Cellar	On Grnd						Boiler Room
First	On Grnd & 120	5		16			Motor Vehicle Repair Shop Incl. Body Repairs, Welding & Use of acetylene Torch
		15		16			Warehouse, Wood-Working & Accessory Parking
PERFORMANCE STANDARDS FOR AN M1-1 DISTRICT TO BE COMPLIED WITH.							

THIS CERTIFICATE IS TO BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT OF BUILDINGS, WHICH 31ST, 1967.

OPEN SPACE USES _____ (SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED.

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

J. M. Cohen
BOROUGH SUPERINTENDENT

Irwin Fuchsman
COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the ~~corner~~ **Southwest** ~~side of~~ ~~from the~~ corner formed by the intersection of **Gerard Avenue** and **East 146th Street**
 running thence **East 100** feet; thence **South 100** feet;
 thence **East 100** feet; thence **North 100** feet;
 thence feet; thence feet;
 thence feet; thence feet;
 to the point or place of beginning.

~~BOOK~~ ALT. No. **273-60** DATE OF COMPLETION **2-9-81** CONSTRUCTION CLASSIFICATION **Non-fireproof**
 BUILDING OCCUPANCY GROUP CLASSIFICATION **Comm.** HEIGHT **1** STORIES. **16'** FEET.

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO	YES	NO
STANDPIPE SYSTEM (C26-1702.1)				
YARD HYDRANT SYSTEM (C26-1702.2)				
PRIVATE HYDRANT SYSTEM (C26-1702.17)				
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)				
SMOKE DETECTOR (C26-1703.1 j)				
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)				
AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)				
CENTRAL STATION SUPERVISION (C26-1703.2 & 4)				
WATER FLOW ALARM (C26-1703.4)				
SIAMESE (C26-1703.5)				
TWO AUTOMATIC SOURCES (C26-1703.9a)				
ONE AUTOMATIC SOURCE (C26-1703.9b)				
DOMESTIC WATER SUPPLY SOURCE (C26-1703.9c)				

THE FOLLOWING PERMITTED ALTERNATE TO A REQUIRED STANDPIPE SYSTEM WAS PROVIDED OR INSTALLED (C26-1702.1d).

	YES	NO
HAND OR PORTABLE FIRE EXTINGUISHERS SUBJECT TO FIRE DEPARTMENT APPROVAL (C26-1702.1(d)(1)).		
AUTOMATIC SPRINKLER SYSTEM CONNECTED TO A CENTRAL SUPERVISORY STATION (C26-1702.1(d)(2)).		

THE FOLLOWING PERMITTED ALTERNATES TO A REQUIRED AUTOMATIC SPRINKLER SYSTEM WERE INSTALLED.

	YES	NO
PARTIAL SYSTEM (TABLE 17.2). CLARIFY EXTENT OF SYSTEM BELOW.		
AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17-2)		
NON AUTOMATIC DRY SPRINKLER SYSTEM (TABLE 17.2 FOOTNOTE (c))		
SMOKE DETECTOR ALARM SYSTEM (C26-1703.2)		
EXTINGUISHING AGENT IF OTHER THAN WATER:		
EXTENT OF PARTIAL SYSTEM:		

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. _____
 CITY PLANNING COMMISSION CAL. NO. _____
 OTHERS: _____

APPENDIX F

PREVIOUS REPORTS



AEI Consultants

Environmental & Engineering Services

March 7, 2012

PHASE II SUBSURFACE INVESTIGATION

Property Identification:

445 Gerard Avenue
Bronx, New York 14051

AEI Project No. 304181

Prepared for:

JP Morgan Chase Bank, N.A.
1111 Polaris Parkway, Mail Code OH1-1092
Columbus, Ohio 43240

Independent Development Services
Corporation
8280 College Parkway, Suite 204
Fort Myers, Florida 33919

Business Initiative Corporation of New York
and/or US Small Business Administration c/o
the Bronx County Building
851 Grand Concourse, Suite 123
Bronx, New York 10451

Prepared by:

AEI Consultants
30 Montgomery Street, Suite 220
Jersey City, New Jersey 07302
(201) 332-1844

San Francisco HQ

Atlanta

Chicago

Costa Mesa

Dallas

Denver

Los Angeles

Miami

New York

Phoenix

Portland

San Jose

National Presence

Regional Focus

Local Solutions



AEI Consultants

Environmental & Engineering Services

Wednesday, March 7, 2012

JP Morgan Chase Bank, N.A.
1111 Polaris Parkway, Mail Code OH1-1092
Columbus, Ohio 43240

Subject: Phase II Subsurface Investigation
445 Gerard Avenue
Bronx, New York 14051
AEI Project No. 304181

Dear Sir/Madam:

AEI Consultants (AEI) is pleased to provide you with this report which describes the activities and results of the Phase II Subsurface Investigation (Phase II) performed at the above referenced property (subject property) (Figure 1: Site Location Map). This investigation was completed in general accordance with the authorized scope of services outlined in our signed proposal number 3844 dated January 10, 2012.

The purpose of the Phase II at the subject property was to evaluate conditions related to the reported presence of heating oil underground storage tanks (USTs) and the suspected historical auto repair operations that may have been conducted at the subject property as reported in a Phase I Environmental Site Assessment (Phase I) by AB Property Evaluations, Inc. (AB) in October 2010.

1.0 SITE DESCRIPTION

The subject property is a rectangular shaped parcel of land, approximately 0.25 acre in size, located at the southwest corner of Gerard Avenue and 146th Street, just east of the Major Deegan Expressway (I-87) in the Bronx, New York. The subject property is bordered by various commercial properties to the east, south, north and west. Development of the site, as it currently exists, was reported to be in the early 1930's. The subject property contains a single story commercial building structure with a partial basement area.

2.0 BACKGROUND

Phase I Environmental Site Assessment, prepared by AB (October 2010):

The Phase I for the subject property completed by AB made the following recommendations:

- The floor drainage system which includes an oil separator unit should be cleaned and properly maintained.

- Documentation should be obtained from the existing owner regarding the reported USTs abandonment which was reportedly performed at the subject property when the building was utilized by a taxi cab dispatch facility.
- The fill port located at grade along the building's north elevation requires further investigation to determine if this fuel fill connection port and associated piping can be removed.
- It is recommended that all exposed/abandoned fuel tank vent and instrumentation piping which is no longer in service is removed throughout the building.

Based on AEI's review of the prior Phase I, the following items that would require additional investigation were identified:

- **Former USTs:** The subject property was formerly equipped with at least one or more USTs utilized in connection to a former taxi cab dispatch facility operating on the subject property from the 1930s until the 1970s. According to the current owner of the site, the USTs were reportedly abandoned (no abandonment or removal information provided) on the property. No information concerning the quantity, location or contents of the USTs was available. However, a fill port was identified along the northern boundary of the property (in the subject property sidewalk), and vent pipes were identified in the interior of the subject property building along the building's east wall. Based on the lack of information regarding any UST removals and the unknown age of these systems, it is possible that releases from these USTs have resulted in an impact to the subsurface of the subject property. Based on this information, the former presence of USTs on the subject property represents a recognized environmental condition.
- **Former Auto Repair Operations:** In addition to taxi cab dispatch operations, building permits included in AB's appendices indicate that the subject property may have been utilized for auto repair operations in the 1980s. Auto repair facilities typically store and utilize solvents and petroleum products on-site. Although no violations or major releases were noted by AB, the subject property building is equipped with a drainage system which leads to an oil/water separator on-site (location of separator not identified in AB report). Due to the subsurface nature of oil/water separators, the potential exists that they may act as a conduit to the subsurface of the subject property for any contaminants discharged to the drainage system. Based on the lack of information concerning detailed operations on the subject property, the unknown length of time auto repair operations occurred, the unknown hazardous waste handling procedures employed and the unknown age of the oil/water separator, the former use of the subject property as an auto repair facility with an oil/water separator drainage system represents a recognized environmental condition.

In order to address the items identified by AEI based on a review of the previous Phase I, AEI proposed to conduct the following activities in general accordance with the authorized scope of services as outlined in the proposal referenced above:

Former USTs:

- Conduct a geophysical survey utilizing GPR to determine the exact location of the USTs identified in the Phase I.
- Obtain a sidewalk opening permit through the New York City Department of Transportation (NYCDOT) for the proposed sidewalk drilling locations.

- Advance two (2) borings each in the area of the GPR identified USTs for a total of four (4) borings to approximately 16 feet below ground surface (bgs) or to refusal, whichever is encountered first. If no USTs are identified then the borings will be advanced in areas where the USTs were most likely located.
- Collect and analyze a total of four (4) soil samples for volatile organic compounds (VOCs) utilizing the New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series (STARS) Petroleum List via EPA Method 8260 and for semi-volatile organic compounds (SVOCs) utilizing the NYSDEC STARS Petroleum List via EPA Method 8270 at the UST locations. If groundwater is encountered then groundwater samples will be collected and analyzed in place of soil.

Former Auto Repair Operations:

- Advance four (4) borings in a grid-like pattern within the subject property building to approximately 16 feet bgs or to refusal, whichever is encountered first. One of the four borings will be located in the vicinity of the oil/water separator to address the potential for contamination from this source.
- Collect and analyze a total of four (4) soil samples for VOCs via EPA Method 8260, SVOCs via EPA Method 8270 and polychlorinated biphenyls (PCBs) via EPA Method 8082. If groundwater is encountered then groundwater samples will be collected and analyzed in place of soil.

3.0 INVESTIGATIVE EFFORTS

PRE-DRILLING ACTIVITIES

Tri-State Drilling Technologies, Inc. (Tri-State) was contracted to notify dig alert and to identify public utilities in the work area at least 72 hours prior to field activities. In addition, Tri-State obtained a sidewalk opening permit from the NYCDOT. A Site Specific Health and Safety Plan (HASP) was prepared and reviewed on site prior to field activities.

GEOPHYSICAL SURVEY

On February 1, 2012, Tri-State conducted the GPR survey where the UST was identified in the aforementioned Phase I. The GPR technician utilized a Radiodetection RD 1000 cart-mounted GPR unit and a Fisher TW-6 metallic locator to survey the area of concern.

The GPR survey identified no anomalies beneath the sidewalk that may have been indicative of a UST; however, during the Phase II activities, a fill port was identified inside the northeast portion of the subject property building approximately 15 feet from the sidewalk along Gerard Avenue. Site personnel informed AEI that that portion of the building was previously an outdoor turning area when the subject property was used as a taxi cab dispatch location. The area was subsequently enclosed, and the UST was reported to be abandoned and presently located within the building.

DRILLING AND SOIL SAMPLE COLLECTION

On February 1, 2012, eight (8) soil borings, AEI-B1 through AEI-B8, were advanced at the subject property (Figure 2: Soil Boring Locations) by Tri-State using a limited access direct-push drilling rig. The target depth of the borings was 16 feet bgs. Due to the bedrock geology of the area, only four of the borings were successful. These borings were advanced at the following locations:

- Borings AEI-B1 and AEI-B2 were advanced exterior of the north wall of the subject property building. Boring AEI-B1 was advanced approximately 15 feet to the north of the location of the UST that was identified within the subject property building. Boring AEI-B2 was advanced further west toward the rear of the building. Borings AEI-B1 and AEI-B2 reached a maximum depth of 14.5 feet bgs each where refusal was met.
- Borings AEI-B3 and AEI-B4 were advanced exterior of the east wall of the subject property building. Boring AEI-B3 was advanced approximately 15 feet to the east of the location of the UST that was identified within the subject property building and northeast from where the oil/water separator is located. Boring AEI-B4 was advanced further south along Gerard Avenue southeast from where the oil/water separator is located. Borings AEI-B3 and AEI-B4 reached maximum depth of 14 feet bgs and 5.5 feet bgs, respectively where refusal was met.
- Borings AEI-B5 through AEI-B8 were to be advanced in a grid pattern in the interior of the subject property building. Competent bedrock was encountered at each boring location area within the building including the area adjacent to the UST. Several attempts were made at each location, and the Geoprobe steel corer could not advance beyond the bedrock located immediately below the concrete slab of the subject property building. As such soil samples could not be collected from locations immediately adjacent to the UST or the oil/water separator.

Soil cores were collected with a 2" outer diameter stainless steel corer fitted with acetate liners. The borings were advanced in five-foot increments. After each advance, the corer was withdrawn and the acrylic liner containing the soil core was removed. Each soil core was measured and examined for odors or stains, and screened with a photoionization detector (PID). This information including the lithology of each core was recorded using the Unified Soil Classification System. A soil sample would be collected from the portion of the soil column that exhibited the highest PID reading or exhibited significant odors or staining.

The soil in each of the borings exhibited no odors or visual staining. There were no PID readings throughout each soil column. As such, soil samples were collected from the terminal depth at each boring location.

Appendix B: Boring Logs, provides details on the soils observed in each boring as well as soil screening details.

GROUNDWATER SAMPLE COLLECTION

Groundwater was not encountered at any of the soil boring locations.

BORING DESTRUCTION

Following completion of sample collection and removal of tooling, the borings were backfilled with drilling cuttings and hydrated bentonite chips and completed at the surface with asphalt cold patch or concrete to match the surrounding conditions.

LABORATORY ANALYSIS

The soil samples were labeled and placed into a cooler with ice and transferred under appropriate chain-of-custody documentation to Aqua Pro Tech Laboratories of Fairfield, New Jersey.

Laboratory analysis of the four (4) soil samples that were able to be collected (AEI-B1 through AEI-B4) consisted of the following:

- VOCs via EPA Method 8260.
- SVOCs via EPA Method 8270.
- PCBs via EPA Method 8082

4.0 FINDINGS

The New York State Department of Environmental Conservation (NYSDEC) has the responsibility for overseeing soil and groundwater cleanups which are managed under a variety of different regulatory programs. The results of this investigation were reviewed along with the applicable NYSDEC Recommended Soil Cleanup Objectives (RSCOs).

GEOLOGY AND HYDROGEOLOGY

Based on borings advanced during this investigation, the strata immediately below the surface beneath the sidewalks at the subject property is urban fill with fine silty sands. Deeper layers are comprised of clayey silt. The geology beneath the subject property building consists of competent bedrock. As described above the borings reached a maximum depth of 14.5 feet bgs along the sidewalk exterior of the north wall of the subject property building before meeting with refusal, and the borings advanced in the sidewalk exterior of the east wall of the building reached maximum depths of 14 feet bgs and 5.5 feet bgs, respectively, before meeting with refusal. The borings within the building met refusal immediately beneath the concrete slab at several locations within the building.

Boring Logs are presented in Appendix B.

SOIL SAMPLE ANALYTICAL RESULTS

The following information is a summary of the soil sample analytical test results. This information has also been included in Table 1. The laboratory analytical documentation is provided in Appendix C.

VOCs

- No VOCs were detected in the samples collected from borings AEI-B1 through AEI-B4. As discussed above, samples could not be collected at boring locations AEI-B5 through AEI-B8.

SVOCs

- Sample AEI-B2 contained low concentrations of the following SVOCs: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, biphenyl, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenzo(a,h)anthracene, dibenzofuran, dimethylphthalate, di-n-octylphthalate, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, 2-methyl naphthalene, naphthalene, phenanthrene and pyrene. All of the identified SVOCs were below their respective NYSDEC RSCOs for industrial properties with the exception of benzo(a)pyrene. Samples AEI-B1, AEI-B3 and AEI-B4 also contained low concentrations of SVOCs; however the number of SVOC compounds were fewer than those found in AEI-B2 and their respective concentrations were lower.

PCBs

- No PCBs were detected in the samples collected from borings AEI-B1 through AEI-B4. As discussed above, samples could not be collected at boring locations AEI-B5 through AEI-B8.

GROUNDWATER SAMPLE ANALYTICAL RESULTS

Groundwater was not encountered at any of the soil boring locations.

5.0 SUMMARY AND CONCLUSIONS

AEI completed a Phase II at the subject property to evaluate conditions related to the reported presence of heating oil USTs and the suspected historical auto repair operations that may have been conducted at the subject property as reported in a Phase I Environmental Site Assessment by AB in October 2010.

A total of eight (8) borings were advanced at the subject property for the collection of soil samples. As discussed above, refusal was met immediately beneath the subject property concrete slab floor at several attempted locations at each of the four (4) proposed interior sampling areas. Of the samples that were collected, the results were compared to the appropriate NYSDEC RSCOs.

Although the presence of SVOCs was detected in the soil samples that were collected, it appears they are not associated with a possible release from compounds associated with the UST as the two borings located in the vicinity of the UST (AEI-B1 and AEI-B3) contained low concentrations of SVOCs not typically associated with fuel oil or gasoline compounds. The SVOC compounds detected in borings AEI-B2, AEI-B3 and AEI-B4 were more consistent with components of asphalt or fly ash, both of which are commonly found in fill material in old urban areas such as New York City as well as the Bronx which is located adjacent to the East River, where fill material was historically utilized.

As previously discussed, the Geoprobe borings met refusal at each of the soil boring locations before reaching the target depth of 16 feet bgs. The maximum depth achieved was 14.5 feet bgs at two locations, and 14 feet bgs and 5.5 feet bgs at two other locations, respectively. The Geoprobe met refusal at at least 10 separate locations in the four proposed sampling areas within the subject property building including two locations adjacent to the UST that was identified and in the vicinity of the oil/water separator. Such findings are consistent with the granitic gneiss and schist geology that is common throughout the New York City area. Although uncommon, USTs have been found to be present in such material. To accommodate the UST, a "pocket" is chipped out of the rock formation. The UST is then installed and is contained in a natural vault.

Due to the geology of the area, AEI was unable to collect all of the samples that were proposed. Based on the geology, observations made in the field during the Phase II activities and the sampling results that were obtained, it does not appear that there has been any significant release to the subject property subsurface. The type of geology that is present would hinder migration of any releases that may have occurred and were not detected. Additionally, the potential for horizontal transport appears low in the shallow unconfined groundwater table, since perched groundwater was not present above the bedrock layer. Although groundwater may exist in fractured bedrock in the subject property area, the sampling efforts completed during this investigation could not assess for the presence of fractured bedrock and the potential for groundwater contamination. It should also be noted that the subject property has not been identified as a historical release site in previous Phase I investigations. Specifically, no releases cases (LUST or SPILLS) were initiated during the prior UST closure assessments.

Based on the above discussion and the results of this investigation, AEI does not recommend any further action for the subject property at this time. Although the concentrations of SVOCs that were detected are within NYSDEC RSCOs for industrial locations with the exception of benzo(a)pyrene, several exceed RSCOs for residential and commercial locations. If urban renewal projects where residential or commercial use is planned where the subject property is located, additional investigation should be conducted. In addition, if renovation or demolition of the building at the subject property is conducted in the future, AEI recommends that the UST and oil/water separator be removed from the ground in accordance with all applicable NYSDEC regulations and guidelines including the collection and analysis of post closure samples.

6.0 REPORT LIMITATION AND RELIANCE

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, subject to limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were performed in

accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

This investigation was prepared for the sole use and benefit of JP Morgan Chase Bank, N.A., the Business Initiative Corporation of New York and/or US Small Business Administration and the Independent Development Services Corporation. Neither this report, nor any of the information contained herein shall be used or relied upon for any purpose by any person or entity other than JP Morgan Chase Bank, N.A., the Business Initiative Corporation of New York and/or US Small Business Administration and the Independent Development Services Corporation.

If there are any questions regarding our investigation, please do not hesitate to contact AEI at 2011-332-1844.

Sincerely,
AEI Consultants



Michael Taormina
Senior Project Manager, CHMM



Lillian Cheng
Senior Project Manager

And



Paul Hinkston
Vice President

Figures

- Figure 1: Site Location Map
- Figure 2: Boring Location Map

Tables

- Table 1: Soil Sample Data Summary

Appendices

- Appendix A: Boring Logs
- Appendix B: Laboratory Analyses



AEI Consultants

Environmental & Engineering Services

April 16, 2012

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property Identification:

Jesse Shapiro & James Glass Corp.
445 Gerard Avenue
Bronx, Bronx County, New York 10451

AEI Project No. 306199

Prepared for:

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San Jose

National Presence

Regional Focus

Local Solutions

PROJECT SUMMARY

**Jesse Shapiro & James Glass Corp.
445 Gerard Avenue, Bronx, Bronx County, New York**

Report Section		No Further Action	REC	HREC	BER	Recommended Action
2.1	Current use of subject property	X				
2.2	Adjoining property information	X				
3.1	Historical Summary	X		X		
4.0	Regulatory Agency Records Review	X				
5.0	Regulatory Database Records Review	X		X		
6.3	Previous Reports	X		X		
7.0	Site Inspection and Reconnaissance	X				
7.2.1	Asbestos-Containing Materials				X	
7.2.2	Lead-Based Paint				X	
7.2.3	Radon	X				
7.2.4	Lead in Drinking Water	X				
7.2.5	Mold	X				

EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Business Initiative Corp. of New York to conduct a Phase I Environmental Site Assessment (ESA), in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 445 Gerard Avenue in the Bronx, Bronx County, New York. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

PROPERTY DESCRIPTION

The subject property, which consists of a warehouse building, is located at the southwest corner of Gerard Avenue and 146th Street, just east of the Major Deegan Expressway (I-87) in an industrial area of the Bronx, New York. The property totals approximately 0.25 acres and is improved with a one-story building totaling approximately 10,000 square feet. The subject property formerly contained a partial basement area, which has since been filled with concrete. The building now resides on a concrete slab. The subject property is currently occupied by Jesse Shapiro & James Glass Corporation and Glass Town. On-site operations include the storage and distribution of glass. In addition to the subject property building, the property is improved with concrete sidewalks on the north and east sides.

The property was developed with the current improvements in 1931 for use as a garage. Prior to the construction of the building, the property was utilized as a storage yard for lumber since 1908. Prior to 1908, the subject property was undeveloped land. The subject property was utilized as a garage in 1931. Two 550-gallon buried gasoline tanks were noted on the south side of the property from 1931 until 1946. The property was briefly utilized as a warehouse for liquor cases in the early 1940s. By 1946, the subject property was utilized as a garage and auto repair facility until the 1980s. In 1947, the two southern gasoline USTs were no longer depicted on Sanborn maps, but another gasoline tank was depicted in the location of the current abandoned tank in the northeast area until 1980. In 1980, the subject property was utilized occupied by the current tenant, Jesse Shapiro & James Glass Corporation for the storage and distribution of glass.

The subject property was identified in the regulatory database as a Resource Conservation and Recovery Act (RCRA) Non-Generator (NonGen) site, a Facility Index System (FINDS) site, a Manifest site, and an Environmental (E) Designation site, and is further discussed in Section 5.1.

The immediately surrounding properties consist of the following:

Direction from Site	Address-Tenant/Use
North	East 146 th Street followed by a vacant lot.
South	Glass Town warehouse building (417 Gerard Avenue)
East	Gerard Avenue followed by a warehouse building occupied by Mega Radio Communications (444 Gerard Avenue)
West	Warehouse building occupied by Clear Channel Outdoor (440 Exterior Street)

The adjoining sites to the south and east, 417 and 444 Gerard Avenue, were identified in the regulatory database as an E Designation site.

The adjacent intersection to the northeast, the intersection of Gerard Avenue and 146th Street, was identified in the regulatory database as a New York Spills (SPILLS) site. Please refer to Section 5.1 for further discussion of these listings.

Based upon topographic map interpretation, the direction of groundwater flow beneath the subject property is inferred to be to the west. Based on the United States Geological Survey (SGS) Active Groundwater Level Network, groundwater is presumed to be present at an estimated depth of 8 to 10 feet below ground surface (bgs).

FINDINGS

Recognized Environmental Conditions (RECs) are defined by the ASTM Standard Practice E1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. AEI's assessment has revealed the following RECs associated with the subject property or nearby properties:

- No on-site RECs were identified during the course of this assessment.

Historical Recognized Environmental Conditions (HRECs) are defined by the ASTM Standard Practice E1527-05 as an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. AEI's assessment has revealed the following HRECs associated with the subject property or nearby properties:

- The subject property was formerly equipped with several USTs utilized in connection to a former taxi cab dispatch facility operating on the subject property from the 1930s until the 1970s. According to the prior Phase I prepared by AB, the subject property building is equipped with a drainage system which leads to an oil/water separator on-site. According to the current owner of the site, the USTs were reportedly abandoned (no abandonment or removal information provided) on the property. No information concerning the capacity, location or contents of the USTs was available. However, a fill port was identified along the northern boundary of the property (in the subject property sidewalk), and vent pipes were identified in the interior of the subject property building along the building's east wall by a prior consultant, AB Property Evaluations, Inc. In order to address the reported abandoned UST, oil/water separator, and long history of automotive repair operations, AEI conducted a Phase II Subsurface Investigation, further discussed in Section 6.3.

Although the presence of SVOCs was detected in the soil samples that were collected, it appears they are not associated with a possible release from compounds associated with the UST as the two borings located in the vicinity of the UST (AEI-B1 and AEI-B3) contained low concentrations of SVOCs not typically associated with fuel oil or gasoline compounds. The SVOC compounds detected in borings AEI-B2, AEI-B3 and AEI-B4 were more consistent with components of asphalt or fly ash, both of which are commonly found in fill material in old urban areas such as New York City as well as the Bronx which is located adjacent to the East River, where fill material was historically utilized. Based on the above discussion and the results of this investigation, AEI did not recommend any further action for the subject property at this time. Although the concentrations of SVOCs that were detected are within NYSDEC RSCOs for industrial locations with the exception of benzo(a)pyrene, several

exceed RSCOs for residential and commercial locations. If urban renewal projects where residential or commercial use are planned for where the subject property is located, additional investigation should be conducted. In addition, if renovation or demolition of the building at the subject property is conducted in the future, AEI recommends that the USTs and oil/water separator be removed from the ground in accordance with all applicable NYSDEC regulations and guidelines including the collection and analysis of post closure samples. Therefore, the abandoned USTs and oil/water separator represent a historic recognized environmental concerns.

De Minimis Environmental Conditions include environmental concerns identified by AEI that warrant discussion but do not qualify as RECs, as defined by the ASTM Standard Practice E1527-05. AEI's assessment has revealed the following de minimis environmental conditions associated with the subject property or nearby properties:

- No on-site de minimis environmental conditions were identified during the course of this assessment.

Business Environmental Risks (BERs) include risks which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the subject property, not necessarily limited to those environmental issues required to be investigated in the standard ASTM scope. BERs may affect the liabilities and financial obligations of the client, the health & safety of site occupants, and the value and marketability of the subject property. AEI's assessment has revealed the following BERs associated with the subject property or nearby properties:

- Due to the age of the subject property building, there is a potential that asbestos-containing materials (ACMs) are present. All suspect ACMs were observed in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. In the event that building renovation or demolition activities are planned, an asbestos survey adhering to AHERA sampling protocol should be performed prior to demolition or renovation activities that may disturb suspect ACMs.
- Due to the age of the subject property building, there is a potential that lead-based paint (LBP) is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to lead-based paint in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb materials or paints containing *any amount* of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

CONCLUSIONS, OPINIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment for the property located at 445 Gerard Avenue in the Bronx, Bronx County, New York, in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312). Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

This assessment has revealed no evidence of RECs in connection with the property. AEI recommends no further investigations for the subject property at this time.

If urban renewal projects where residential or commercial use are planned for where the subject property is located, additional investigation should be conducted. In addition, if renovation or demolition of the building at the subject property is conducted in the future, AEI recommends that the USTs and oil/water separator be removed from the ground in accordance with all applicable NYSDEC regulations and guidelines including the collection and analysis of post closure samples.

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- 1 SITE LOCATION MAP
- 2 SITE MAP

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- A PROPERTY PHOTOGRAPHS
- B REGULATORY DATABASE
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- D REGULATORY AGENCY RECORDS

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- F** OTHER SUPPORTING DOCUMENTATION
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1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment (ESA) performed in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 445 Gerard Avenue in the Bronx, Bronx County, New York (Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I Environmental Site Assessment is to assist the client in identifying potential environmental liabilities associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property, as well as regulatory non-compliance that may have occurred at the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

The goal of AEI Consultants in conducting the Phase I Environmental Site Assessment was to identify the presence or likely presence of any hazardous substances or petroleum products on the property that may indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum product into the soil, groundwater, or surface water of the property.

1.2 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI Consultants in this report. AEI Consultants relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI Consultants has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. AEI Consultants assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.3 LIMITATIONS

Property conditions, as well as local, state, tribal and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI Consultants makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, vapor intrusion, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-05.

If requested by the client, these non-scope issues are discussed in Section 7.2. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). ASTM Standard Practice E1527-05 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

- 1) 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-05.
- 2) Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
- 3) 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

The Phase I Environmental Site Assessment is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report.

A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

1.4 LIMITING CONDITIONS

The performance of this Phase I Environmental Site Assessment was limited by the following conditions:

- The User did not complete the ASTM User questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this investigation.
- On March 20, 2012, The New York State Department of Health (NYSDOH) was contacted for information on the subject property in order to identify historical tenants, property use and/or hazardous materials handling. However, records were not available for inclusion in this report. Based on the quality of information obtained from other sources (historical resources, alternate agency records and Phase II data), this limitation is not expected to alter the findings of this assessment.

1.5 DATA GAPS AND DATA FAILURE

According to ASTM E1527-05, data gaps occur when the Environmental Professional is unable to obtain information required, despite good faith efforts to gather such information.

Data failure is one type of data gap. According to ASTM E1527-05 "data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met". Pursuant to ASTM Standards, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier.

No data gaps were identified during the course of this assessment.

1.6 RELIANCE

All reports, both verbal and written, are for the benefit of Business Initiative Corp. of New York and the United States SBA. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's Proposal and Standard Terms & Conditions executed by Business Initiative Corp. of New York on March 16, 2012. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

The subject property, which consists of a warehouse building, is located at the southwest corner of Gerard Avenue and 146th Street, just east of the Major Deegan Expressway (I-87) in an industrial area of the Bronx, New York. The property totals approximately 0.25 acres and is improved with a one-story building totaling approximately 10,000 square feet. The subject property formerly contained a partial basement area, which has since been filled with concrete. The building now resides on a concrete slab. The subject property is currently occupied by Jesse Shapiro & James Glass Corporation and Glass Town. On-site operations include the storage and distribution of glass. In addition to the subject property building, the property is improved with concrete sidewalks on the north and east sides.

The subject property was identified in the regulatory database as a Resource Conservation and Recovery Act (RCRA) Non-Generator (NonGen) site, a Facility Index System (FINDS) site, a Manifest site, and an Environmental (E) Designation site, and is further discussed in Section 5.1.

The Assessor's Parcel Number (APN) for the subject property is Block 2351, Lot 12. According to Mr. Terry Rothman, Manager, heating and cooling systems on the subject property are fueled by natural gas and electricity provided by Consolidated Edison, and potable water and sewage disposal are provided by the City of New York.

Refer to Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs for site location.

2.2 SITE AND VICINITY CHARACTERISTICS

The subject property is located in an industrial area of the Bronx, New York. The immediately surrounding properties consist of the following:

Direction from Site	Address-Tenant/Use
North	East 146 th Street followed by a vacant lot.
South	Glass Town warehouse building (417 Gerard Avenue)
East	Gerard Avenue followed by a warehouse building occupied by Mega Radio Communications (444 Gerard Avenue)
West	Warehouse building occupied by Clear Channel Outdoor (440 Exterior Street)

The adjoining sites to the south and east, 417 and 444 Gerard Avenue, were identified in the regulatory database as an E Designation site. The adjacent intersection to the northeast, the intersection of Gerard Avenue and 146th Street, was identified in the regulatory database as a New York Spills (SPILLS) site. Please refer to Section 5.1 for further discussion of these listings.

2.3 PHYSICAL SETTING

Geology:

According to information obtained from the US Geological Survey (USGS), the area surrounding the subject property is underlain by glacial deposits of the Middle Ordovician.

Based on a review of the US Department of Agriculture (USDA) Soil Survey for the area of the subject property, the soils in the vicinity of the subject property are classified as the Urban Land Series. Soils from this series are characterized as pavement, concrete, buildings, and other structures underlain by disturbed and natural soil materials. Because of the variability of the soil material, onsite investigation would be required to determine the specific soil composition at the subject property. See Appendix E for discussion of the results of the Phase II investigation conducted onsite in March 2012.

USGS Topographic Map:	Central Park, NY Quadrangle
Nearest surface water to subject property:	Harlem River / 550 feet west
Gradient Direction/Source:	West / Topographic map interpretation
Estimated Depth to Groundwater/Source:	8 to 10 feet bgs / USGS

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

3.1 HISTORICAL SUMMARY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-05 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historic city directories, Sanborn fire insurance maps and agency records is as follows:

Date Range	Subject Property Description/Use	Source(s)
1891 – 1903	Undeveloped land	Sanborns
1908	Unimproved land utilized for lumber storage	Sanborns
1931 – 1935	Developed with the current subject building, labeled as a garage, with two 550-gallon buried gasoline USTs on the south side of the property	Sanborns, City Directories
1944	The current subject building is now utilized as a warehouse for the storage of liquor cases. The USTs remain onsite.	Sanborns
1946	The current subject building is now utilized as a taxi garage and repair facility. The USTs remain onsite.	Sanborns, City Directories
1947 – 1978	The current subject building is now utilized as a garage and repair facility. The two USTs on the south side of the property are no longer depicted. A gas tank is now located in the northeast corner of the building.	Sanborns, Aerials, City Directories
1980 – 1986	The current building remains utilized for garage and repair services. The UST in the northeast corner of the building is no longer depicted. The current tenant is now listed at the subject property.	Sanborns, Aerials, City Directories
1989 – 2007	The current subject building is listed as a manufacturing facility	Sanborns, Aerials, City Directories

According to historical sources, the current subject property building was constructed in 1931 for use as a garage. Prior to the construction of the building, the property was utilized as a storage yard for lumber since 1908. Prior to 1908, the subject property was undeveloped land. The subject property was utilized as a garage in 1931. Two 550-gallon buried gasoline tanks were noted on the south side of the property from 1931 until 1946. The property was briefly utilized as a warehouse for liquor cases in the early 1940s. By 1946, the subject property was utilized as a garage and auto repair facility until the 1980s. In 1947, the two southern gasoline USTs were no longer depicted on Sanborn maps, but another gasoline tank was depicted in the location of the current abandoned tank until 1980. In 1980, the subject property was utilized occupied by the current tenant, Jesse Shapiro & James Glass Corporation for the storage and distribution of glass.

Based on a review of historical sources, the following historical addresses were associated with the subject property: 459 Gerard Avenue, 112 East 146th Street, and 108 East 146th Street. These addresses were also researched as part of this assessment.

The long term historic use of the subject property as an auto repair facility with floor drains and gasoline tanks represents an environmental concern; however, as favorably addressed in the Phase II Subsurface Investigation, no further action is necessary at this time.

If available, copies of historical sources are provided in the report appendices.

3.2 AERIAL PHOTOGRAPH REVIEW

AEI Consultants reviewed aerial photographs of the subject property and surrounding area. Aerial photographs were reviewed for the following years: 1954, 1966, 1974, 1980, 1995, 2004, 2006, 2009, and 2011.

Date(s)	Scale	Subject Property Description	Surrounding Area Descriptions
1954	1:91	Appears developed with current subject building; vehicular access is available from the north and east.	North: 146 th Street followed by a lot utilized for car storage with a small commercial building South: Current commercial building East: Gerard Avenue followed by an apparent commercial building West: Current commercial building
1966	1:91	No significant changes	North: No significant changes South: No significant changes East: Gerard Avenue followed by the current commercial building West: No significant changes
1974	1:91	No significant changes	North: 146 th Street followed by an unimproved lot utilized for car storage South: No significant changes East: No significant changes West: No significant changes
1980	1:91	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
1995	1:91	No significant changes	North: 146 th Street followed by a small commercial building South: No significant changes East: No significant changes West: No significant changes
2004, 2006	1:91	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
2009	1:91	No significant changes	North: 146 th Street followed by an undeveloped lot South: No significant changes East: No significant changes West: No significant changes
2011	1:91	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes

3.3 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made by Environmental Data Resources (EDR) of Sanborn Fire Insurance maps. Sanborn maps were available and reviewed for the years 1891, 1903, 1908, 1935, 1944, 1946, 1947, 1951, 1977, 1978, 1980, 1981, 1984, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, and 2007.

Date(s)	Subject Property Description	Surrounding Area Descriptions
1891	Undeveloped land, with access from Gerard Avenue	North: Undeveloped land South: Undeveloped land East: Gerard Avenue, followed by undeveloped land and a small two- and three-story building West: Undeveloped land
1903	No significant changes, except access now available from East 146 th Street	North: East 146 th Street, followed by undeveloped land South: No significant changes East: Gerard Avenue, followed by undeveloped land West: No significant changes
1908	Unimproved land labeled as a portion of Church E. Gates & Co. Storage of Lumber	North: East 146 th Street followed by unimproved land labeled as Church E. Gates & Co. Lumber Yard South: Unimproved portion of Church E. Gates & Co. Storage of Lumber East: Gerard Avenue followed by a two- and three-story residence West: Unimproved portion of Church E. Gates & Co. Storage of Lumber
1935	Developed with the current commercial building labeled as a garage with a 67 car capacity. Two 550-gallon buried gas tanks are noted on the south side of the subject property.	North: East 146 th Street followed by several one-story buildings labeled for use by York Sign Frame Co. and Auto Junk Yard. A 550-gallon buried gasoline tank is noted in the northeast corner. South: The current commercial building labeled as a garage with two 550-gallon buried gasoline tanks. East: No significant changes West: A two-story office and residence with attached one-story garage. A 550-gallon buried gasoline tank is noted within the garage.
1944	No significant changes, except the current building is now labeled for use as a warehouse of liquor in cases.	North: Several one-story buildings labeled as an Auto Junk Yard. The buried gas tank is no longer depicted. South: No significant changes, except now labeled for Garage and Repair East: No significant changes, except there is now a small one-story garage behind the residence West: No significant changes
1946	No significant changes, except the current building is now labeled for use as a Taxi Garage and Repair	North: No significant changes South: No significant changes East: No significant changes West: No significant changes

1947	No significant changes, except the current building is now labeled as Private Garage and Repair. Only one gasoline tank is depicted, in the location of the current abandoned UST.	North: No significant changes South: Current building is labeled as Private Garage with two (2) gasoline tanks East: No significant changes West: No significant changes
1951	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: One-story Private Garage with one gas tank depicted
1977	No significant changes	North: No significant changes, except only remaining buildings along east side of property South: Current warehouse labeled as Con Edison Garage. The gas tanks are no longer depicted. East: Gerard Avenue followed by the current commercial building labeled Con Edison offices and garage West: Current commercial building labeled as a warehouse, with the southern portion constructed in 1974. The gas tanks are no longer depicted.
1978	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
1980	Current one-story subject building labeled as Auto Repair. The gasoline tank is no longer depicted.	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
1981, 1984, 1986	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
1989	Current subject building labeled for manufacturing	North: No significant changes South: No significant changes East: Gerard Avenue followed by the current commercial building labeled for offices and manufacturing West: No significant changes
1991, 1992, 1993, 1994	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes
1995	No significant changes	North: No significant changes South: Current commercial building East: No significant changes West: No significant changes
1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, 2007	No significant changes	North: No significant changes South: No significant changes East: No significant changes West: No significant changes

3.4 CITY DIRECTORIES

A search of historic city directories was conducted for the subject property by EDR. Directories were available and reviewed for the years 1927, 1931, 1940, 1949, 1956, 1961, 1965, 1971, 1976, 1983, 1993, 2000, and 2005. The following table summarizes the results of the city directory search.

City Directory Search Results

Date(s)	Occupant Listed
1927	Gehn Harry Auto Co.
1931	Not listed
1940	Gehn Harry auto parts Harrigan Auto Parts Co Inc Philco Sales & Service Corp radios
1949	Delmart Service Corp Garage
1956 – 1961	Super Operating Corp
1965	Super Adjustment Co Super Operating Corp
1971	Lenox Maintenance Corp
1976	Kustom Auto Collision
1983	A Stone Services Jesse Shapiro & James Inc Stone Services Inc
1993	A Stone Services AAA Glass & Mirror Supplies All Hands Disposable Inc Jesse Shapiro & James Glass Corp Shapiro & James Jesse Glass Corp Stone Services Inc
2000	AAA Glass & Mirror Supplies Jesse Shapiro & James Shapiro & James Crp
2005	AAA Glass & Mirror Supplies Jesse Shapiro & James Glass

The subject property was utilized by auto repair facilities from at least 1927 until circa 1970s. The long history of auto repair operations at the subject property represents a significant environmental concern; however, soil sampling performed in a prior Phase II report did not find any evidence of impacts from the historical operations at the subject property.

3.5 HISTORICAL TOPOGRAPHIC MAPS

In accordance with our approved scope of services, historical topographic maps were not reviewed as a part of this assessment.

3.6 CHAIN OF TITLE

In accordance with our approved scope of services, a Chain of Title search was not performed as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

4.1 REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to Activity and Use Limitations (AULs), defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1.1 HEALTH DEPARTMENT

On March 20, 2012, AEI contacted the New York State Department of Health (NYSDOH) for information on the subject property and nearby sites of concern. Files at this agency may contain information regarding hazardous materials storage, as well as information regarding unauthorized releases of petroleum hydrocarbons or other contaminants that may affect the soil or groundwater in the area.

As of this writing, no response has been received from the NYSDOH. Upon receipt of pertinent documents, AEI will update this report if issues of environmental concern are noted.

4.1.2 FIRE DEPARTMENT

On March 20, 2012, AEI contacted the Fire Department of New York (FDNY) for information on the subject property to identify any evidence of previous or current hazardous material usage.

No information indicating current or prior use or storage of hazardous materials, or the existence of AULs was on file for the subject property with the FDNY.

4.1.3 BUILDING DEPARTMENT

On March 20, 2012, AEI contacted the New York City Department of Buildings (NYCDOB) for information on the subject property in order to identify historical tenants and property use.

No information indicating current or prior use or storage of hazardous materials, or the existence of AULs was on file for the subject property with the NYCDOB.

4.1.4 PLANNING DEPARTMENT

On March 20, 2012, AEI contacted the New York City Planning Department (NYCPD) for information on the subject property in order to identify AULs associated with the subject property.

No information indicating the existence of AULs was on file for the subject property with the NYCPD.

4.1.5 ASSESSOR OFFICE

On March 20, 2012, AEI accessed the New York City assessor's database for information on the subject property in order to determine the earliest recorded date of development and use.

According to the New York City assessor's database, the earliest recorded date of development on subject property was 1931, and the subject property was utilized for industrial/manufacturing purposes.

4.1.6 DEPARTMENT OF OIL AND GAS

Department of Oil and Gas (DOG) maps concerning the subject property and nearby properties were reviewed. DOG maps contain information regarding oil and gas development.

According to the DOG map, there are no oil or gas wells within 500 feet of the subject property. No environmental concerns were noted during the DOG map review.

4.1.7 OTHER AGENCIES SEARCHED

On March 20, 2012, AEI contacted the New York State Department of Environmental Conservation (NYSDEC) for information regarding ASTs, USTs, storage of hazardous chemicals, chemical and solid waste storage, spills or releases, groundwater or soil contamination, groundwater monitoring data or sampling records, site remediation, fill materials, and/or environmental violations.

No information indicating current or prior use or storage of hazardous materials, or the existence of AULs was on file for the subject property with the NYSDEC. In addition, the subject property was not identified on the NYSDEC's online Spills database.

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted Environmental Data Resources (EDR) to conduct a search of federal, state, tribal, and local databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-05 are summarized in the following table. A copy of the regulatory database report is included in Appendix B of this report.

The subject property was identified in the databases reviewed and is further discussed below.

In determining if a site is a potential environmental concern to the subject property in the records summary table below, AEI has applied the following criteria to classify the site(s) as low concern: 1) the site(s) only hold an operating permit (which does not imply a release), 2) the site(s) have been granted "No Further Action" by the appropriate regulatory agency, and/or 3) based upon AEI's review, the distance and/or topographic position relative to the subject property reduce the level of risk associated with the site(s).

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Total Number of Listings	Potential Environmental Concern to the Subject Property (Yes/No)
NPL	1	No	0	
DELISTED NPL	0.5	No	0	
CERCLIS	0.5	No	0	
CERCLIS NFRAP	0.5	No	0	
RCRA CORRACTS	1	No	0	
RCRA-TSD	0.5	No	0	
RCRA LG-GEN, SM-GEN, CESQGs, VGN, NLR	TP/ADJ	No	0	
US ENG CONTROLS	TP	No	0	
US INST CONTROLS	TP	No	0	
ERNS	TP	No	0	
STATE/TRIBAL HWS	1	No	1	No, based on the relative distance from the subject property and inferred direction of groundwater flow.
STATE/TRIBAL SWLF	0.5	No	2	No, based on relative distance from the subject property and/or inferred direction of groundwater flow.

Database	Search Distance (Miles)	Subject Property Listed	Total Number of Listings	Potential Environmental Concern to the Subject Property (Yes/No)
STATE/TRIBAL REGISTERED STORAGE TANKS	TP/ADJ	No	0	
STATE/TRIBAL LUST/LTANKS	0.5	No	49	No, based on closed regulatory status, relative distance from the subject property, and/or inferred direction of groundwater flow.
STATE/TRIBAL ENG-INST CONTROLS	TP	No	0	
STATE/TRIBAL VCP	0.5	No	0	
STATE/TRIBAL BROWNFIELD	0.5	No	1	No, based on relative distance from the subject property and inferred direction of groundwater flow.
ORPHAN	N/A	No	20	None of the identified orphan sites are located in the immediate vicinity (500-feet) of the subject property, and therefore, these sites are not expected to represent a significant environmental concern.
NON-ASTM DATABASES	TP/ADJ	Yes	6	The subject property and adjacent sites are discussed below.

<p>Site Name: Stone Services Inc. Database(s): RCRA-NonGen, FINDS, MANIFEST Address: 445 Gerard Avenue Distance: Subject Property Direction: Subject Property</p> <p>Comments: <u>RCRA</u> Program identifies and tracks hazardous waste from the point of generation to the point of disposal. Non-GEN, or non-generators, are facilities that do not presently generate hazardous waste.</p> <ul style="list-style-type: none"> According to the regulatory database, this site has been a non-generator since January 1, 2007. This site was formerly listed as a Non-Generator on January 1, 2006, a Small Quantity Generator on July 14, 1999, and a Large Quantity Generator on April 28, 1989. No violations were reported in association with these listings. Based on the lack of violations reported, this listing is not expected to represent a significant environmental concern. <p><u>FINDS</u> is typically a pointer to other databases, and is used as a tracking tool by the US EPA and State agencies. It is a compilation of the following lists: Permit Compliance System (PCS), Aerometric Information Retrieval System (AIRS), the enforcement document used to manage and track information on civil judicial enforcement cases (Docket), Federal Underground Injection Control (FURS), the criminal docket system used to track criminal enforcement actions for all environmental statutes (C-Docket), Federal Facilities Information System (FFIS), state environmental laws and</p>
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statutes (State), and the PCB activity data system (PADS).

- This property is listed as a FINDS site in association with the above listing. No further information was provided under this listing. Based on the nature of this listing, it is not expected to represent a significant environmental concern.

Manifest lists and tracks hazardous waste from the generator through transporters to a TSD facility.

- According to the regulatory database, various hazardous wastes were transported from this property 50 times in New York between 1989 and 1995. No violations were listed in association with these manifests. Documentation of proper storage, transfer, and disposal of hazardous materials is not considered to represent a significant environmental concern.

Site Name: Lot 12, Tax block 2351

Database(s): E DESIGNATION

Address: 445 Gerard Avenue

Distance: Subject Property

Direction: Subject Property

Comments:

Environmental (E) Designation listings 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 the NYCDEP.

- According to the regulatory database, this site is listed under E Number E-227, which became effective June 30, 2009 and is due to air quality for #2 or #4 fuel oil or natural gas for HVAC systems, exhaust stack location limitations, hazardous materials Phase I and Phase II Testing Protocol, and window wall attenuation and alternate ventilation. Based on the results of soil sampling activities conducted by AEI during the Phase II investigation, the presence of low concentrations of semivolatile organic compounds (SVOCs) are not typically associated with fuel oil or gasoline compounds and are more consistent with components of asphalt or fly ash, commonly found in fill material in old urban areas such as New York City. Therefore, this listing does not represent a significant environmental concern. However, if urban renewal projects where residential or commercial use are planned for where the subject property is located, additional investigation should be conducted.

Site Name: Manhole 4505

Database(s): NY SPILLS

Address: West Gerard Ave / 146th Street

Distance: Adjacent

Direction: Northeast

Comments:

Spills is a listing of sites at which chemical and petroleum spill incidents that may have impacted waters of the state occurred and were reported to the NYSDEC.

- According to the regulatory database, a release was reported at this site on October 7, 2006 due to a equipment failure, which resulted in a release of dielectric fluid. Corrective action was conducted and the release was granted case closure on August 20, 2007. Based on the closed regulatory status, this release is not expected to represent a significant environmental concern.

Site Name: Lot 20, Tax block 2351
Database(s): E DESIGNATION
Address: 417 Gerard Avenue
Distance: Adjoining
Direction: South

Comments:

Environmental (E) Designation listings 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 the NYCDEP.

- According to the regulatory database, this site is listed under E Number E-227, which became effective June 30, 2009 and is due to air quality for #2 or #4 fuel oil or natural gas for HVAC systems, exhaust stack location limitations, hazardous materials Phase I and Phase II Testing Protocol, and window wall attenuation and alternate ventilation. Based on the results of soil sampling activities conducted by AEI on the subject property (discussed above), this listing does not represent a significant environmental concern to the subject property.

Site Name: Lot 5, Tax block 2350
Database(s): E DESIGNATION
Address: 444 Gerard Avenue
Distance: Adjacent
Direction: East

Comments:

Environmental (E) Designation listings 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 the NYCDEP.

- According to the regulatory database, this site is listed under E Number E-227, which became effective June 30, 2009 and is due to air quality for #2 or #4 fuel oil or natural gas for HVAC systems, exhaust stack location limitations, and hazardous materials Phase I and Phase II Testing Protocol. Based on the results of soil sampling activities conducted by AEI on the subject property (discussed above), this listing does not represent a significant environmental concern to the subject property.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-05, the following interviews were performed during this investigation in order to obtain information indicating RECs in connection with the subject property.

6.1.1 INTERVIEW WITH OWNER

The subject property owner, Mr. James Maloney, was contacted on April 3, 2012. Mr. Maloney has been associated with the subject property since approximately 1989. Mr. Maloney was asked if he was aware of any of the following:

Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.	Yes	<input checked="" type="checkbox"/>	No
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.	Yes	<input checked="" type="checkbox"/>	No
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	Yes	<input checked="" type="checkbox"/>	No
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.	Yes	<input checked="" type="checkbox"/>	No

6.1.2 INTERVIEW WITH KEY SITE MANAGER

The key site manager, Mr. Terry Rothman, was contacted during the site inspection on April 3, 2012. Mr. Rothman has been associated with the subject property since approximately 1989. Mr. Rothman provided general information regarding historic and current operations at the subject property. Mr. Rothman was asked if he was aware of any of the following:

Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.	Yes	<input checked="" type="checkbox"/>	No
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.	Yes	<input checked="" type="checkbox"/>	No
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	Yes	<input checked="" type="checkbox"/>	No
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.	Yes	<input checked="" type="checkbox"/>	No

6.1.3 PAST OWNERS, OPERATORS AND OCCUPANTS

Interviews with past owners and occupants regarding historical onsite operations were not reasonably ascertainable. However, based on information obtained from other sources including historical resources, it is likely that the information provided by past owners and operators would have been duplicative.

6.1.4 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this section.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-05 and EPA's AAI Rule, certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the environmental professional. The responsibility for qualifying for Landowner Liability Protections (LLPs) by conducting the inquiries ultimately rests with the User, and providing the information to the environmental professional would be prudent if such information is available.

The User did not complete the ASTM User questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

Documentation was provided to AEI by the Client during this assessment. A summary of this information follows:

Environmental Assessment, prepared by AB Property Evaluations, Inc. (October 2011)

At the time of AB Property Evaluations, Inc.'s (AB) site inspection, the subject property was developed with the current subject building and for similar use as observed by AEI. AB determined that the subject property was developed in the 1930s and utilized as a taxi cab dispatch facility until the 1970s. Since then, it has been utilized as a mirror and glass fabrication facility. AB observed a fill port at grade along the north elevation, vent stacks along the inside exterior wall (east elevation), and control valve apparatus within the building on the east wall. No fuel storage tanks are registered for the subject property with the NYSDEC Petroleum Bulk Storage Listing. AB identified the subject property (Stone Services Inc.) in the regulatory database for reportedly generating spent halogenated and non-halogenated solvents in 1989, 1990, and 1998. The subject property was also identified on the E designation database. AB made the following recommendations:

- The floor drainage system which includes an oil separator unit should be cleaned and properly maintained.
- Documentation should be obtained from the existing owner regarding the reported USTs abandonment which was reportedly performed at the subject property when the building was utilized by a taxi cab dispatch facility.
- The fill port located at grade along the building's north elevation requires further investigation to determine if this fuel fill connection port and associated piping can be removed.
- It is recommended that all exposed/abandoned fuel tank vent and instrumentation piping which is no longer in service is removed throughout the building.

Phase II Subsurface Investigation, prepared by AEI Consultants (March 7, 2012)

AEI Consultants (AEI) completed a Phase II Subsurface Investigation to address the concerns identified in AB's Environmental Assessment.

In order to address the items identified by AEI based on a review of AB's Phase I, AEI proposed to conduct the following activities in general accordance with the authorized scope of services as outlined in the proposal referenced above:

Former USTs:

- Conduct a geophysical survey utilizing GPR to determine the exact location of the USTs identified in the Phase I.
- Obtain a sidewalk opening permit through the New York City Department of Transportation (NYCDOT) for the proposed sidewalk drilling locations.
- Advance two (2) borings each in the area of the GPR identified USTs for a total of four (4) borings to approximately 16 feet below ground surface (bgs) or to refusal, whichever is encountered first. If no USTs are identified then the borings will be advanced in areas where the USTs were most likely located.
- Collect and analyze a total of four (4) soil samples for volatile organic compounds (VOCs) utilizing the New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series (STARS) Petroleum List via EPA Method 8260 and for semi-volatile organic compounds (SVOCs) utilizing the NYSDEC STARS Petroleum List via EPA Method 8270 at the UST locations. If groundwater is encountered then groundwater samples will be collected and analyzed in place of soil.

Former Auto Repair Operations:

- Advance four (4) borings in a grid-like pattern within the subject property building to approximately 16 feet bgs or to refusal, whichever is encountered first. One of the four borings will be located in the vicinity of the oil/water separator to address the potential for contamination from this source.
- Collect and analyze a total of four (4) soil samples for VOCs via EPA Method 8260, SVOCs via EPA Method 8270 and polychlorinated biphenyls (PCBs) via EPA Method 8082. If groundwater is encountered then groundwater samples will be collected and analyzed in place of soil.

A total of eight (8) borings were advanced at the subject property for the collection of soil samples. As discussed above, refusal was met immediately beneath the subject property concrete slab floor at several attempted locations at each of the four (4) proposed interior sampling areas. Of the samples that were collected, the results were compared to the appropriate NYSDEC RSCOs.

Although the presence of SVOCs was detected in the soil samples that were collected, it appears they are not associated with a possible release from compounds associated with the UST as the two borings located in the vicinity of the UST (AEI-B1 and AEI-B3) contained low concentrations of SVOCs not typically associated with fuel oil or gasoline compounds. The SVOC compounds detected in borings AEI-B2, AEI-B3 and AEI-B4 were more consistent with components of asphalt or fly ash, both of which are commonly found in fill material in old urban areas such as New York City as well as the Bronx which is located adjacent to the East River, where fill material was historically utilized.

The Geoprobe borings met refusal at each of the soil boring locations before reaching the target depth of 16 feet bgs. The maximum depth achieved was 14.5 feet bgs at two locations, and 14 feet bgs and 5.5 feet bgs at two other locations, respectively. The Geoprobe met refusal at

least 10 separate locations in the four proposed sampling areas within the subject property building including two locations adjacent to the UST that was identified and in the vicinity of the oil/water separator. Such findings are consistent with the granitic gneiss and schist geology that is common throughout the New York City area. Although uncommon, USTs have been found to be present in such material. To accommodate the UST, a "pocket" is chipped out of the rock formation. The UST is then installed and is contained in a natural vault.

Due to the geology of the area, AEI was unable to collect all of the samples that were proposed. Based on the geology, observations made in the field during the Phase II activities and the sampling results that were obtained, it does not appear that there has been any significant release to the subject property subsurface. The type of geology that is present would hinder migration of any releases that may have occurred and were not detected. Additionally, the potential for horizontal transport appears low in the shallow unconfined groundwater table, since perched groundwater was not present above the bedrock layer. Although groundwater may exist in fractured bedrock in the subject property area, the sampling efforts completed during this investigation could not assess for the presence of fractured bedrock and the potential for groundwater contamination. It should also be noted that the subject property has not been identified as a historical release site in previous Phase I investigations. Specifically, no releases cases (LUST or SPILLS) were initiated during the prior UST closure assessments.

Based on the above discussion and the results of this investigation, AEI did not recommend any further action for the subject property. Although the concentrations of SVOCs that were detected are within NYSDEC RSCOs for industrial locations, with the exception of benzo(a)pyrene, several exceed RSCOs for residential and commercial locations. If urban renewal projects where residential or commercial use are planned where the subject property is located, additional investigation should be conducted. In addition, if renovation or demolition of the building at the subject property is conducted in the future, AEI recommended that the UST and oil/water separator be removed from the ground in accordance with all applicable NYSDEC regulations and guidelines including the collection and analysis of post closure samples.

Copies of these reports are appended.

7.0 SITE INSPECTION AND RECONNAISSANCE

On April 3, 2012, a site reconnaissance of the subject property and adjacent properties was conducted by Ms. Lindsay Glassman of AEI in order to obtain information indicating the likelihood of RECs at the subject property and adjacent properties as specified in ASTM Standard Practice E1527-05 §8.4.2, 8.4.3 and 8.4.4. During the onsite reconnaissance, AEI was accompanied by Mr. Terry Rothman, Site Manager. AEI inspected all areas of the subject property building.

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
	X	Hazardous Substances and/or Petroleum Products in Connection with Property Use
X		Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
	X	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
	X	Unidentified Substance Containers
	X	Electrical or Mechanical Equipment Likely to Contain Fluids
	X	Interior Stains or Corrosion
	X	Strong, Pungent or Noxious Odors
	X	Pools of Liquid
X		Drains, Sumps and Clarifiers
	X	Pits, Ponds and Lagoons
	X	Stained Soil or Pavement
	X	Stressed Vegetation
	X	Solid Waste Disposal or Evidence of Fill Materials
	X	Waste Water Discharges
	X	Wells
	X	Septic Systems
	X	Other

The subject property is currently occupied by Jesse Shapiro & James Glass Corporation. On-site operations consist of storage and distribution of glass. The above identified observed items are further discussed below.

ABOVEGROUND & UNDERGROUND HAZARDOUS SUBSTANCE OR PETROLEUM PRODUCT STORAGE TANKS (ASTs / USTs)

The subject property was formerly equipped with at least one or more USTs utilized in connection to a former taxi cab dispatch facility operating on the subject property from the 1930s until the 1970s. According to the current owner of the site, the USTs were reportedly abandoned (no abandonment or removal information provided) on the property. No information concerning the quantity, location or contents of the USTs was available. However, a fill port was identified along the northern boundary of the property (in the subject property sidewalk), and vent pipes were identified in the interior of the subject property building along the building's east wall by a prior consultant, AB Property Evaluations, Inc.

In order to address the reported abandoned UST, AEI conducted a Phase II Subsurface Investigation which did not identify any contamination relating to the tanks, as described above in Section 6.3.

If renovation or demolition of the building at the subject property is conducted in the future, AEI recommends that the USTs and oil/water separator be removed from the ground in accordance with all applicable NYSDEC regulations and guidelines including the collection and analysis of post closure samples. Therefore, the abandoned USTs do not represent a significant environmental concern.

DRAINS, SUMPS AND CLARIFIERS

According to the prior Phase I prepared by AB, the subject property building is equipped with a drainage system which leads to an oil/water separator on-site (location of separator not identified in AB report). Due to the subsurface nature of oil/water separators, the potential exists that they may act as a conduit to the subsurface of the subject property for any contaminants discharged to the drainage system. In order to address the reported oil/water separator, AEI conducted a Phase II Subsurface Investigation, as described above in Section 6.3. As discussed above, AEI did not recommend any further action for the subject property based on the results of the subsurface investigation; therefore, the presence of the oil/water separator does not indicate a significant environmental concern at this time.

7.2 NON-ASTM SERVICES

7.2.1 ASBESTOS-CONTAINING BUILDING MATERIALS

OSHA

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building Owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

NESHAP

The applicability of the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Chapter 61, Subpart M) apply to the owner or operator of a facility where an inspection for the presence of asbestos-containing materials (ACM), including Category I (asbestos containing packings, gaskets, resilient floor coverings and asphalt roofing products), and Category II (all remaining types of non-friable asbestos containing material not included in

Category I that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure), non-friable ACM must occur prior to the commencement of demolition or renovation activities. NESHAP defines ACM as any material or product that contains *greater than 1%* asbestos. It should be noted that the NESHAP regulation applies to all facilities regardless of construction date, including: 1. Any institutional, commercial, public, industrial, or residential structure, installation, or building; 2. Any ship; and 3. Any active or inactive waste disposal site. This requirement is typically enforced by the EPA or by local air pollution control/air quality management districts.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

Due to the age of the subject property building, there is a potential that ACMs are present. The condition and friability of the identified suspect ACMs is noted in the following table:

Suspect Asbestos Containing Materials (ACMs)

Material	Location	Friable	Condition
Ceiling tiles	Interior of building	Yes	Good
Roofing Systems	Roof	Not Inspected	Not Inspected

All observed suspect ACMs were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. In the event that building renovation or demolition activities are planned, an asbestos survey adhering to AHERA sampling protocol should be performed prior to demolition or renovation activities that may disturb suspect ACMs.

7.2.2 LEAD-BASED PAINT

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has ≥ 1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard is "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact lead-based paint on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition and monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on lead-based paint and lead-based paint hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, federally owned or subsidized housing are affected by this rule.

Lead-containing paint (LCP) is defined as any paint with any detectable amount of lead present in it. It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state or local regulations in regards to lead-containing paints.

In buildings constructed after 1978, it is unlikely that LBP is present. Structures built prior to 1978 and especially prior to the 1960's should be expected to contain LBP.

Due to the age of the subject property building, there is a potential that lead-based paint (LBP) is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to lead-based paint in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb materials or paints containing *any amount* of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

7.2.3 RADON

Radon is a naturally-occurring, odorless, invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the US EPA, the radon zone level for the area is Zone 3, which has a predicted average indoor screening level of less than 2 pCi/L, below the action level of 4.0 pCi/L set forth by the EPA.

7.2.4 DRINKING WATER SOURCES AND LEAD IN DRINKING WATER

The New York City Department of Environmental Protection (NYSDEP) supplies potable water to the subject property. The most recent water quality report states that lead levels in the areas water supply were within standards established by the USEPA.

7.2.5 MOLD/INDOOR AIR QUALITY ISSUES

Molds are simple, microscopic organisms, which can often be seen in the form of discoloration, frequently green, gray, white, brown or black. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or is not addressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting often play host to such growth.

Mold spores primarily cause health problems through the inhalation of mold spores or the toxins they emit when they are present in large numbers. This can occur primarily when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

AEI Consultants observed interior areas of the building in order to identify the significant presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to mold appears to be warranted at this time.

This activity was not designed to discover all areas which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the subject property. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the subject property.

7.3 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
	X	Hazardous Substances and/or Petroleum Products in Connection with Property Use
	X	Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
	X	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
	X	Unidentified Substance Containers
	X	Electrical or Mechanical Equipment Likely to Contain Fluids
	X	Strong, Pungent or Noxious Odors
	X	Pools of Liquid
	X	Drains, Sumps and Clarifiers
	X	Pits, Ponds and Lagoons
	X	Stained Soil or Pavement
	X	Stressed Vegetation
	X	Solid Waste Disposal or Evidence of Fill Materials
	X	Waste Water Discharges
	X	Wells
	X	Septic Systems
	X	Other

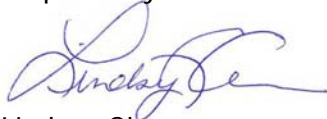
None of the above listed items were observed during the site inspection. Please refer to Section 5.1 for a discussion of potential regulatory concerns identified at adjacent sites.

8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

By signing this report, the senior author declares that, to the best of his or her professional knowledge and belief, he or she meets the definition of *Environmental Professional* as defined in §312.10 of 40 CFR Part 312.

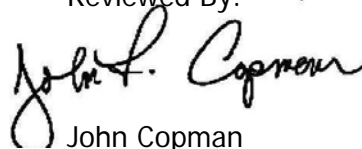
The senior author has the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. The senior author has developed and performed the all appropriate inquiries in conformance with the standards and practices set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

Prepared By:



Lindsay Glassman
Project Manager

Reviewed By: ;



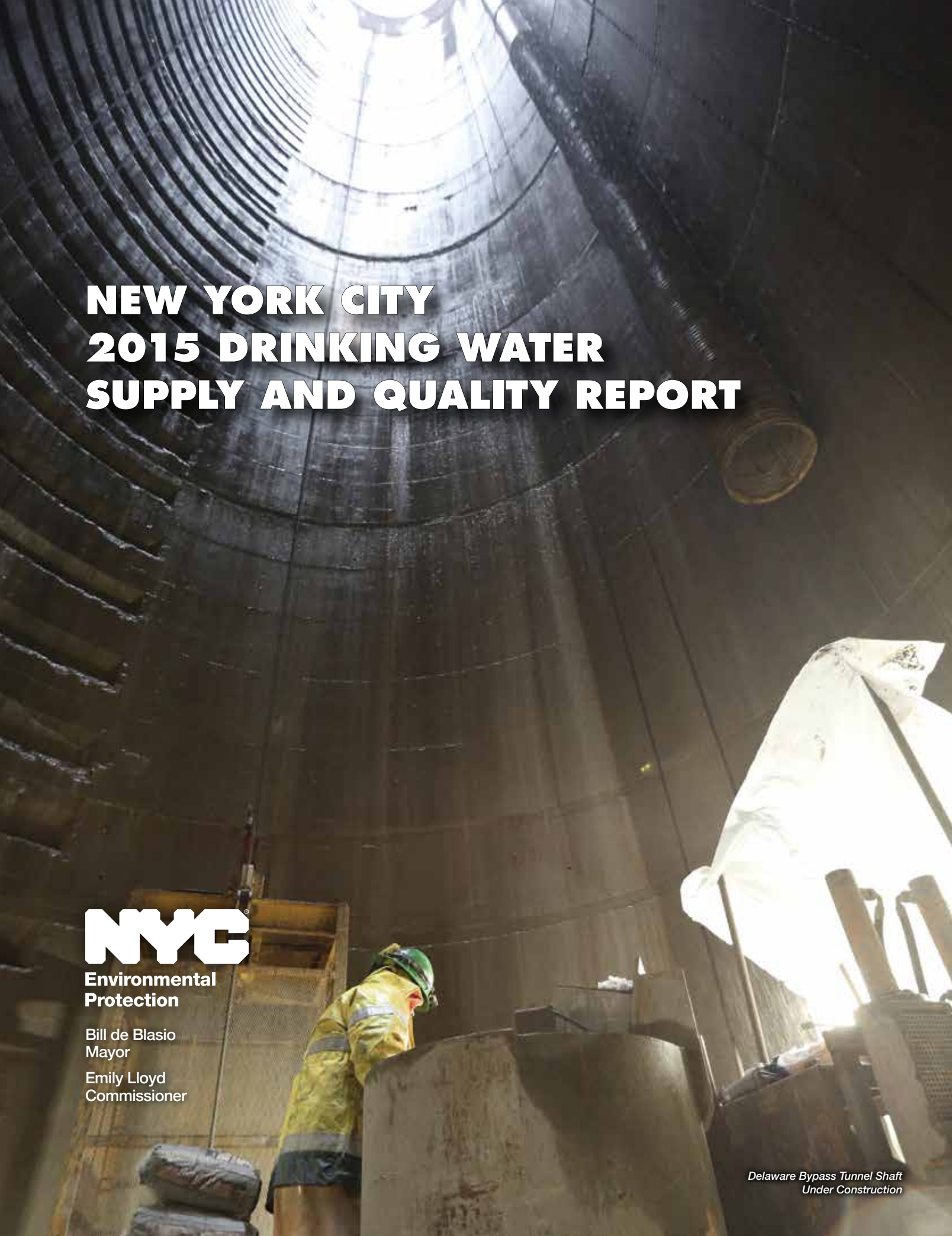
John Copman
Senior Author

9.0 REFERENCES

Item	Date(s)	Source
Topographic Map	1995	United States Geological Survey
Regulatory Database	March 19, 2012	Environmental Data Resources
Aerials	1954, 1966, 1974, 1980, 2004, 2006	www.historicaerials.com
Aerials	1995, 2004, 2009, 2011	Google Earth
Sanborn maps	1891, 1903, 1908, 1935, 1944, 1946, 1947, 1951, 1977, 1978, 1980, 1981, 1984, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, 2007	Environmental Data Resources
City Directories	1927, 1931, 1940, 1949, 1956, 1961, 1965, 1971, 1976, 1983, 1993, 2000, 2005	Environmental Data Resources
Radon Information	1993	United States Environmental Protection Agency Map of Radon Zones http://www.epa.gov/radon/zonemap.html
Soil Information	Current	United States Department of Agriculture Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm
Groundwater Information	Current	USGS Active Groundwater Level Network http://groundwaterwatch.usgs.gov/default.asp
Environmental Assessment	May 3, 2011	AB Property Evaluations, Inc.
Phase II Subsurface Investigation	March 7, 2012	AEI Consultants

APPENDIX G

OTHER SUPPORTING DOCUMENTATION



NEW YORK CITY 2015 DRINKING WATER SUPPLY AND QUALITY REPORT

NYC

**Environmental
Protection**

Bill de Blasio
Mayor

Emily Lloyd
Commissioner

*Delaware Bypass Tunnel Shaft
Under Construction*

New York City's Water Supply System





Emily Lloyd
Commissioner

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Dear Friends:

New York City is fortunate to have some of the cleanest and best-tasting drinking water of any city in the world. We know that our City's water is great because scientists from the Department of Environmental Protection (DEP) test its quality hundreds of times each day, and hundreds of thousands of times each year.

In fact, our water quality scientists collect more than 47,000 samples of water each year. Those samples are gathered from our expansive reservoir system that stretches more than 125 miles into the Hudson Valley and Catskill Mountains. Water samples are also collected from streams that feed our reservoirs, tunnels that deliver our water to the City, and roughly 1,000 street-side sampling stations in the five boroughs. Those water samples are then delivered to one of DEP's four state-of-the-art laboratories where they are analyzed more than 570,000 times annually.

The data from this extensive scientific analysis can be found in the pages of this report. The conclusion of this work is simple: New York City has world-class drinking water.

We hope this year's report also provides peace of mind to our fellow New Yorkers who are concerned about lead and other potential contaminants that have affected a few drinking water supplies across the country this year. New York City is fortunate to have a protected and well-regulated watershed that surrounds our reservoirs. DEP is also vigilant about properly treating the City's water to prevent the type of incidents that transpired elsewhere. Because DEP takes these deliberate steps to protect our water supply and distribution system, we are confident that incidents such as these will not happen in New York City.

The City also benefits from an amazing system of reservoirs, tunnels and other infrastructure that collect and convey more than one billion gallons of drinking water each day. The aqueducts that carry water from the mountains to the City are considered a marvel of modern engineering. To keep our water system in a state of good repair, DEP has continued to make investments to maintain and improve our infrastructure. You will find details about several recent infrastructure projects in the pages that follow.

I am proud to present this report to the 8.5 million New Yorkers who rely on DEP to deliver safe, clean, high-quality drinking water every day.

Sincerely,

A handwritten signature in black ink that reads "Emily Lloyd". The signature is fluid and cursive, with a large initial "E".

Emily Lloyd
Commissioner

NEW YORK CITY'S WATER SUPPLY

The New York City Water Supply System provides approximately one billion gallons of safe drinking water daily to more than 8.5 million residents of New York City, and to the millions of tourists and commuters who visit the City throughout the year, as well as about 110 million gallons a day to approximately one million people living in Westchester, Putnam, Ulster, and Orange Counties. In all, the New York City Water Supply System provides nearly half the population of New York State with high-quality drinking water.

To ensure that high-quality drinking water is safe, reliable, and sufficient for now and the future, the Department of Environmental Protection (DEP) continues to make significant investments in water supply related infrastructure projects. Highlighted throughout this report, are some of the larger projects that are ongoing, or were completed in the past year to meet new regulatory requirements for treatment and to improve water supply reliability and resiliency. The projects include:

- ◆ Croton Water Filtration Plant
- ◆ City Water Tunnel No. 3
- ◆ Water Main Replacements
- ◆ Delaware Bypass Tunnel
- ◆ Gilboa Dam
- ◆ Catskill-Delaware Interconnection
- ◆ Rehabilitation of Shaft 3 - City Water Tunnel No. 1
- ◆ Staten Island Siphon

SOURCES OF NEW YORK CITY'S DRINKING WATER

New York City's surface water is supplied from a network of 19 reservoirs and three controlled lakes in a nearly 2,000-square-mile watershed, roughly the size of the State of Delaware, which extends 125 miles north and west of New York City. The New York City Water Supply System, Public Water System Identification Number (PWSID) NY7003493, consists of three individual water supplies: the Catskill/Delaware supply, located in Delaware, Greene, Schoharie, Sullivan, and Ulster Counties; the Croton supply, New York City's original upstate supply, in Putnam, Westchester, and Dutchess Counties; and a groundwater supply in southeastern Queens.

WATER SUPPLY OPERATIONS

The New York City Water Supply System map, located inside the front cover of this report, displays the Catskill/Delaware, Croton, and the groundwater supply system, and their distribution service areas. In 2015, New York City received a blend of drinking water from the Catskill/Delaware and Croton supplies, with the Catskill/Delaware supplying approximately 94 percent of the water, and approximately 6 percent supplied by Croton. Water from the groundwater supply was not fed into distribution in 2015.



Croton Water Filtration Plant

WATER TREATMENT

CATSKILL/DELAWARE SUPPLY

Due to the very high-quality of our Catskill/Delaware supply, New York City is one of only five large cities in the country with a surface drinking water supply that does not require filtration as a form of treatment. Rather, the Catskill/Delaware supply operates under a Filtration Avoidance Determination (FAD) and the water from the supply is treated using two forms of disinfection to reduce microbial risk. First, water is disinfected with chlorine before arriving at the Catskill/Delaware Ultraviolet (UV) Disinfection Facility. Chlorine is a common disinfectant added to kill germs and stop bacteria from growing on pipes. The UV Disinfection Facility, located on a New York City-owned, 153-acre property in the towns of Mount Pleasant and Greenburgh in Westchester County, is the largest of its kind in the world, consisting of fifty-six 40-million-gallons-per-day UV disinfection units, and is designed to disinfect a maximum of 2.4 billion gallons of water per day. At the facility, water is again disinfected as it flows under UV light. Exposure to UV light provides an additional measure to protect against potentially harmful microorganisms, such as *Cryptosporidium* and *Giardia*. UV treatment is a disinfection process that works by exposing the water to special lamps that emit UV light, which can inactivate harmful microorganisms. UV treatment does not change the water chemically, as nothing is added except energy. DEP also adds food grade phosphoric acid, sodium hydroxide, and fluoride to the water before sending it into distribution. Phosphoric acid creates a protective film on pipes that reduces the release of metals, such as lead, from household plumbing. Sodium hydroxide is added to raise the pH and reduce corrosivity, which also reduces potential exposure to lead.

DEP is one of the many water suppliers in New York State that, since 1966, has been treating its drinking water with a controlled, low level of fluoride for consumer dental health protection. The DEP target dose of fluoride was lowered from 0.8 mg/L to 0.7 mg/L on May 29, 2015, following updated United States Department of Health and Human Services recommendations. During 2015, other than brief outages to perform preventative and corrective maintenance, DEP provided continuous fluoride treatment on the Catskill/Delaware supply. In total, fluoride was off-line for less than one percent of the year.

CROTON WATER FILTRATION PLANT

The Croton water supply, because of factors related to the surrounding watershed area and water quality, is not covered by the FAD. Therefore, New York City built a filtration plant for the Croton water supply under a Consent Decree entered into between New York City, the United States, and the State of New York. The Croton Water Filtration Plant began delivery of water into distribution on May 7, 2015. The plant uses treatment processes involving coagulation, dissolved air floatation, filtration, and disinfection. During coagulation, chemicals are added to untreated water, causing any natural particulates to bunch together to become larger particles called floc. Most of the floc floats to the top and is skimmed off and any that remains is removed by filtration. The water is disinfected with chlorine and UV light. The treatment process helps to reduce color levels, the risk of microbiological contamination, and disinfection by-products, and it ensures compliance with stricter water quality standards. In addition, as with the Catskill/Delaware supply, Croton water is also treated with food grade phosphoric acid, sodium hydroxide, and fluoride.

During 2015, other than a one week outage from December 23 to 31 to help trace a leak in the distribution system, and brief disruptions resulting from pump changes and electrical supply disruptions, DEP provided continuous fluoride treatment to the Croton supply. In total, fluoride was off-line for less than three percent of the year.



CITY WATER TUNNEL No. 3

For over 45 years, New York City has been building City Water Tunnel No. 3. Being built in stages, City Water Tunnel No. 3 is one of the largest capital projects in New York City's history. Begun in 1970, City Water Tunnel No. 3 will enhance and improve New York City's water delivery system and create redundancy to allow the City to inspect and repair City Water Tunnels Nos. 1 and 2 for the first time since they were put into service in 1917 and 1936, respectively.

- ◆ The 13-mile Stage 1 section of City Water Tunnel No. 3 went into service in August 1998. It runs from Hillview Reservoir in Yonkers, through the Bronx, down Manhattan across Central Park, and into Astoria, Queens.
- ◆ Stage 2 of City Water Tunnel No. 3 consists of the Brooklyn/Queens leg and the Manhattan leg.
 - ◆ Tunneling on the 9-mile Manhattan leg of Stage 2 began in 2003, and was completed in 2008. Between 2008 and 2013, 10 new supply shafts were constructed that integrate the new tunnel section with the existing distribution system. The Manhattan leg was activated on October 16, 2013.
 - ◆ The Brooklyn/Queens leg is a 5.5-mile section in Brooklyn that connects to a 5-mile section in Queens. New York City completed the Brooklyn/Queens leg of the tunnel in May 2001, and substantially completed six of the eight shafts in 2006. The project is expected to be online by 2023. When activated, the Brooklyn/Queens leg will deliver water to Brooklyn, Queens, and Staten Island.



DRINKING WATER QUALITY

REGULATION OF DRINKING WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants.

In order to ensure that tap water is safe to drink, the New York State Department of Health (NYSDOH) and the United States Environmental Protection Agency (EPA) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The NYSDOH and the federal Food and Drug Administration's (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. The presence of contaminants does not necessarily indicate that water poses a health risk. These regulations also establish the minimum amount of testing and monitoring that each system must undertake to ensure that the tap water is safe to drink.

DEP's water quality monitoring program – far more extensive than that required by law – demonstrates that the quality of New York City's drinking water remains high and meets all health-related State and federal drinking water standards. Additional information concerning drinking water can be found at: www.epa.gov/safewater/ or www.health.ny.gov.

DRINKING WATER SAMPLING AND MONITORING

DEP monitors the water in the distribution system, upstate reservoirs and feeder streams, and wells that are sources for New York City's drinking water supply. Certain water quality parameters are monitored continuously as the water enters the distribution system, and DEP regularly tests water quality at nearly 1,000 water quality sampling stations throughout New York City. DEP conducts analyses for a broad spectrum of microbiological, chemical, and physical measures of quality. In 2015, DEP performed 383,200 analyses on 31,700 samples from the distribution system, meeting all State and federal monitoring requirements. Additionally, DEP performed 193,500 analyses on 15,500 samples from the upstate reservoir watersheds to support FAD watershed protection programs and to optimize water quality. Results of this regular monitoring are an indicator of whether New York City's drinking water meets all health-based and other drinking water standards. The results of the tests conducted in 2015 under DEP's distribution system monitoring program are summarized in the tables starting on following page.

HOW TO READ THE NEW YORK CITY DRINKING WATER QUALITY TESTING RESULTS

The following section of the *Drinking Water Supply and Quality Report* compares the quality of your tap water to federal and State standards for each parameter (if applicable). Table 1 reflects the compliance monitoring results for all regulated and non-regulated parameters, the number of samples collected, the range of values detected, the average of the values detected, and the possible sources of the parameters, unless otherwise footnoted. The monitoring frequency of each parameter varies and is parameter specific. Data presented are for the Catskill/Delaware and Croton systems, which were the only sources of water in 2015. Table 2 represents those parameters monitored for, but not detected in any sample. The monitoring results indicate that our drinking water met all drinking water standards in 2015.

Most of our data are representative of 2015 testing; the concentrations of these parameters or contaminants do not change frequently. For previous years' results you can view our reports at: www.nyc.gov/dep.

DEFINITIONS

ACTION LEVEL (AL):

The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements that a water system must follow. An exceedance occurs if more than 10 percent of the samples exceed the Action Level.

MAXIMUM CONTAMINANT LEVEL (MCL):

The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible, using the best available treatment technology.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG):

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MAXIMUM RESIDUAL DISINFECTANT LEVEL (MRDL):

The highest level of a disinfectant allowed in drinking water. The addition of a disinfectant is necessary for control of microbial contaminants.

MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL (MRDLG):

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

TREATMENT TECHNIQUE (TT):

A required process intended to reduce the level of a contaminant in drinking water.

90TH PERCENTILE VALUE:

The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below the value. The 90th percentile is equal to or greater than 90 percent of the lead and copper values detected at your water system.

UNITS & ABBREVIATIONS:

CFU/mL = colony forming units per milliliter

mg/L = milligrams per liter (10^{-3} grams per liter)

MPN/100mL = most probable number per 100 milliliters

ND = lab analysis indicates parameter is not detected

NTU = nephelometric turbidity units

µg/L = micrograms per liter (10^{-6} grams per liter)

µS/cm = microsiemens per centimeter

NDL = no designated limit



TABLE 1: DETECTED PARAMETERS

THIS TABLE SUMMARIZES THE MONITORING RESULTS FOR ALL DETECTED PARAMETERS

CONVENTIONAL PHYSICAL AND CHEMICAL PARAMETERS							
PARAMETER	NYSDOH MCL (Highest Level Allowed)	EPA MCLG (Ideal Goal)	# SAMPLES	RANGE	AVERAGE	MCL VIOLATION	SOURCES IN DRINKING WATER
Alkalinity (mg/L CaCO ₃)	-		291	13.5 - 76.7	20.8	No	Erosion of natural deposits
Aluminum (µg/L)	50 - 200 ⁽¹⁾		291	10 - 54	25	No	Erosion of natural deposits
Barium (mg/L)	2	2	291	0.013 - 0.045	0.018	No	Erosion of natural deposits
Calcium (mg/L)	-		292	5.8 - 28.2	8.2	No	Erosion of natural deposits
Chlorate (mg/L)	- ⁽²⁾		6	0.044 - 0.130	0.082	No	By-product of drinking water chlorination using sodium hypochlorite
Chloride (mg/L)	250		291	11 - 101	20	No	Naturally occurring; road salt
Chlorine Residual, Free (mg/L)	4 ⁽³⁾		15,550	0.00 - 1.8	0.65 ⁽³⁾	No	Water additive for disinfection
Chromium (µg/L)	100		297	ND - 1	ND	No	Erosion of natural deposits
Chromium VI (µg/L)	- ⁽²⁾		6	ND - 0.057	0.042	No	Erosion of natural deposits
Color - distribution system (color units - apparent)	-		14,065	2 - 35	6	No	Presence of iron, manganese, and organics in water
Color - entry points (color units - apparent)	15 ⁽⁴⁾		1,485	3 - 8	6	No	Presence of iron, manganese, and organics in water
Copper (mg/L)	1.3 ⁽⁵⁾	1.3	294	0.002 - 0.083	0.007	No	Corrosion of household plumbing systems; erosion of natural deposits
Corrosivity (Langelier index)	0 ⁽¹⁾⁽⁶⁾		291	-2.74 to -1	-2.2	No	
Fluoride (mg/L)	2.2 ⁽⁴⁾	4.0	1,976	ND - 0.9	0.7	No	Water additive which promotes strong teeth; erosion of natural deposits
Hardness (mg/L CaCO ₃)	-		292	20 - 110	29	No	Erosion of natural deposits
Hardness (grains/gallon[US]CaCO ₃) ⁽⁷⁾	-		292	1.1 - 6.3	1.6	No	Erosion of natural deposits
Iron (µg/L)	300 ⁽⁴⁾⁽⁸⁾		294	ND - 82	35	No	Naturally occurring
Lead (µg/L)	15 ⁽⁵⁾	0	294	ND - 8	ND	No	Corrosion of household plumbing systems; erosion of natural deposits
Lithium (mg/L)	-		292	ND - 0.002	ND	No	Erosion of natural deposits
Magnesium (mg/L)	-		292	1.2 - 9.6	2	No	Erosion of natural deposits
Manganese (µg/L)	300 ⁽⁴⁾⁽⁸⁾		294	ND - 37	14	No	Naturally occurring
Nickel (µg/L)	-		291	ND - 0.9	ND	No	Erosion of natural deposits
Nitrate (mg/L nitrogen)	10	10	291	0.1 - 0.55	0.2	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
pH (pH units)	6.8 - 8.2 ⁽⁹⁾		15,549	6.8 - 10.9	7.3	No	
Phosphate, Ortho- (mg/L)	1-4 ⁽⁹⁾		15,550	0.69 - 3.17	2.12	No	Water additive for corrosion control
Potassium (mg/L)	-		292	0.5 - 2.6	0.8	No	Erosion of natural deposits
Silica [silicon oxide] (mg/L)	-		291	1.6 - 6.8	2.7	No	Erosion of natural deposits
Sodium (mg/L)	NDL ⁽⁴⁾⁽¹⁰⁾		292	9 - 63	14	No	Naturally occurring; road salt; water softeners; animal waste
Specific Conductance (µS/cm)	-		15,550	82 - 522	121	No	
Strontium (µg/L)	-		298	19 - 91	28	No	Erosion of natural deposits
Sulfate (mg/L)	250		291	3.8 - 18	5.3	No	Naturally occurring
Temperature (°F)	-		15,550	33 - 87	54	No	
Total Dissolved Solids (mg/L)	500 ⁽¹⁾		291	40 - 281	74	No	Metals and salts naturally occurring in the soil; organic matter

CONVENTIONAL PHYSICAL AND CHEMICAL PARAMETERS (continued)

PARAMETER	NYSDOH MCL (Highest Level Allowed)	EPA MCLG (Ideal Goal)	# SAMPLES	RANGE	AVERAGE	MCL VIOLATION	SOURCES IN DRINKING WATER
Total Organic Carbon (mg/L carbon)	-		291	1.3 - 2.1	1.6	No	Organic matter naturally present in the environment
Turbidity ⁽¹¹⁾ - distribution system (NTU)	5 ⁽¹²⁾		14,065	ND - 5.5	1.1 ⁽¹²⁾	No	Soil runoff
Turbidity ⁽¹¹⁾ - source water (NTU)	5 ⁽¹³⁾		-	-	1.7 ⁽¹³⁾	No	Soil runoff
Turbidity ⁽¹¹⁾ - filtered water (NTU)	TT ⁽¹⁴⁾		-	-	0.11 ⁽¹⁴⁾	No	Soil runoff
UV 254 Absorbency (cm ⁻¹)	-		290	0.016 - 0.034	0.028	No	Organic matter naturally present in the environment
Zinc (mg/L)	5 ⁽⁴⁾		294	ND - 0.02	0.003	No	Naturally occurring

ORGANIC PARAMETERS

PARAMETER	NYSDOH MCL (Highest Level Allowed)	EPA MCLG (Ideal Goal)	# SAMPLES	RANGE	AVERAGE	MCL VIOLATION	SOURCES IN DRINKING WATER
Bromochloroacetic Acid (µg/L)	50		298	ND - 4.5	1.6	No	By-product of drinking water chlorination
Chloropicrin (µg/L)	50		22	0.20 - 0.72	0.46	No	By-product of drinking water chlorination
Chloral Hydrate (µg/L)	50		22	1.29 - 11.40	5.21	No	By-product of drinking water chlorination
Di(2-ethylhexyl)phthalate (µg/L)	6		87	ND - 0.92	ND	No	Probable source is sample contamination from plastic gloves or air particulates.
1,4-Dioxane (µg/L)	50		3	ND - 0.082 ⁽¹⁵⁾	ND	No	May enter the environment through its use as a solvent and in textile processing, printing processes, and detergent preparations.
Haloacetic Acid 5 (HAA5) (µg/L)	60 ⁽¹⁶⁾		298	15 - 56	43 ⁽¹⁶⁾	No	By-product of drinking water chlorination
Haloacetonitriles (HANs) (µg/L)	50		22	1.06 - 4.65	2.73	No	By-product of drinking water chlorination
Halogenated Ketones (HKs) (µg/L)	50		22	1.59 - 4.89	2.74	No	By-product of drinking water chlorination
Hexachlorocyclopentadiene (µg/L)	5		21	ND - 0.071	ND	No	Discharge from chemical factories
Total Organic Halogen (µg/L)	-		291	86 - 213	149	No	By-product of drinking water chlorination
Total Trihalomethanes (TTHM) (µg/L)	80 ⁽¹⁶⁾		289	9.1 - 64	42 ⁽¹⁶⁾	No	By-product of drinking water chlorination

MICROBIAL PARAMETERS

PARAMETER	NYSDOH MCL (Highest Level Allowed)	EPA MCLG (Ideal Goal)	# SAMPLES	RANGE	# SAMPLES POSITIVE	AVERAGE	HIGHEST MONTH % POSITIVE	MCL VIOLATION	SOURCES IN DRINKING WATER
Total Coliform Bacteria (% of samples positive/month)	5%	0	9,860	-	56	-	2%	No	Naturally present in the environment
<i>E. coli</i> (MPN/100mL)	⁽¹⁷⁾	0	9,860	-	0	-	0%	No	Human and animal fecal waste
Heterotrophic Plate Count (CFU/mL)	TT	-	12,226	ND - 5,700	165	2	-	No	Naturally present in the environment

LEAD AND COPPER RULE SAMPLING AT RESIDENTIAL WATER TAPS: JANUARY TO DECEMBER 2015

PARAMETER	NYSDOH AL	EPA MCLG (Ideal Goal)	90% OF YOUR LEVELS WERE LESS THAN	RANGE	# SAMPLES EXCEEDING AL	EXCEEDANCE	SOURCES IN DRINKING WATER
Copper (mg/L)	90% of homes less than 1.3	1.3	0.192	0.003 - 0.779	0 out of 350	No	Corrosion of household plumbing systems
Lead (µg/L)	90% of homes less than 15	0	12	ND - 110	23 out of 350	No	Corrosion of household plumbing systems

TABLE 2: NOT-DETECTED PARAMETERS

THE FOLLOWING PARAMETERS WERE MONITORED FOR, BUT NOT DETECTED IN ANY SAMPLE

CONVENTIONAL PHYSICAL AND CHEMICAL PARAMETERS

Antimony, Arsenic, Asbestos *, Beryllium, Bismuth-212 *, Bismuth-214 *, Cadmium, Cesium-134 *, Cesium-137 *, Cyanide, Gross Alpha *, Gross Beta *, Lead-212 *, Lead-214 *, Mercury, Nitrite, Potassium-40 *, Radium-226 *, Radium-228 *, Selenium, Silver, Thallium, Thallium-208 *, Thorium-234 *, Uranium *, Uranium-235 *

ORGANIC PARAMETERS

Principal Organic Contaminants:

Benzene, Bromobenzene, Bromochloromethane, Bromomethane, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethylene, trans-1,2-Dichloroethylene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Methylene chloride, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,1,2,2-Tetrachloroethane, Tetrachloroethylene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, m-Xylene, o-Xylene, p-Xylene

Specified Organic Contaminants:

Alachlor, Aldicarb (Temik), Aldicarb sulfone, Aldicarb sulfoxide, Aldrin, Atrazine, Benzo(a)pyrene, Butachlor, Carbaryl, Carbofuran (Furadan), Chlordane, 2,4-D, Dalapon, 1,2-Dibromo-3-chloropropane, Dicamba, Dieldrin, Di(2-ethylhexyl)adipate, Dinoseb, Diquat, Endothall, Endrin, Ethylene dibromide (EDB), Glyphosate, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, 3-Hydroxycarbofuran, Lindane, Methomyl, Methoxychlor, Methyl-tertiary-butyl-ether (MTBE), Metolachlor, Metribuzin, Oxamyl (Vydate), Pentachlorophenol, Picloram, Polychlorinated biphenyls (PCBs), Propachlor, Simazine, Toxaphene, 2,4,5-TP (Silvex), 2,3,7,8-TCDD (Dioxin), Vinyl chloride

Unspecified Organic Contaminants:

Acenaphthene, Acenaphthylene, Acetochlor, Acetone, Acifluorfen, Allyl chloride, Ametryn, tert-Amyl ethyl ether, tert-Amyl methyl ether, Anthracene, Bentazon, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[g,h,i]perylene, alpha-BHC, beta-BHC, delta-BHC, Bromacil, 2-Butanone (MEK), tert-Butyl alcohol, Butylate, Butylbenzylphthalate, tert-Butyl ethyl ether, Carbon disulfide, Caffeine, Carboxin, Chloramben, alpha-Chlordane, gamma-Chlordane, Chlorobenzilate, 2-Chlorobiphenyl, 1-Chlorobutane, Chloroneb, Chlorothalonil (Draconil, Bravo), Chlorpropham, Chlorpyrifos (Dursban), Chrysene, Cycloate, 2,4-DB, DCPA(Dacthal), DCPA (total mono & diacid degradate), 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, DEF(Merphos), Diazinon, Dibenz[a,h]anthracene, Di-n-Butylphthalate, 3,5-Dichlorobenzoic acid, 2,3-Dichlorobiphenyl, Dichlorprop, Dichlorvos (DDVP), Diethyl ether, Diethylphthalate, Di-isopropyl ether, Dimethoate, Dimethylphthalate, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Di-N-octylphthalate, Diphenamid, Disulfoton, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin aldehyde, EPTC, Ethoprop, Ethyl methacrylate, Etridiazole, Fenamiphos, Fenarimol, Fluoranthene, Fluorene, Fluridone, alpha-HCH, beta-HCH, delta-HCH, 2,2',3,3',4,4',6-Heptachlorobiphenyl, Heptachlor epoxide (isomer B), 2,2',4,4',5,6'-Hexachlorobiphenyl, Hexachloroethane, Hexazinone, Indeno[1,2,3-cd]pyrene, Isophorone, Malathion, Methiocarb, Methyl acetate, Methyl iodide, Methyl paraoxon, 4-Methyl-2-pentanone (MIBK), Mevinphos, MGK264-isomer a, MGK264-isomer b, Molinate, Naphthalene, Napropamide, 4-Nitrophenol, cis-Nonachlor, trans-Nonachlor, Norflurzon, 2,2',3,3',4,5',6,6'-Octachlorobiphenyl, Paraquat, Parathion, Pebulate, Pendimethalin, 2,2',3',4,6-Pentachlorobiphenyl, Pentachloroethane, Permethrin (cis- & trans-), Phenanthrene, Prometryn, Pronamide, Propazine, Propoxur (Baygon), Pyrene, 2,4,5-T, Simetryn, Stirofos, Tebuthiuron, Terbacil, Terbufos, Terbutylazine, Terbutryn, 2,2',4,4'-Tetrachlorobiphenyl, Tetrahydrofuran, Thiobencarb, Triademefon, 2,4,5-Trichlorobiphenyl, Trichlorotrifluoroethane (Freon 113), Tricyclazole, Trifluralin, Vernolate

Unregulated Contaminant Monitoring Rule (UCMR3) Parameters:

Androstenedione, Bromochloromethane, Bromomethane, 1,3-Butadiene, Chlorodifluoromethane, Chloromethane, Cobalt, 1,1-Dichloroethane, Equilin, Estradiol, Estriol, Estrone, Ethynylestradiol, Molybdenum, Perfluorobutanesulfonic acid (PFBS), Perfluoroheptanoic acid (PFHpA), Perfluorohexanesulfonic acid (PFHxS), Perfluorononanoic acid (PFNA), Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), Testosterone, 1,2,3-Trichloropropane, Vanadium

FOOTNOTES

- (1) EPA Secondary MCL: NYSDOH has not set an MCL for this parameter.
 - (2) Chlorate and chromium (VI), also known as hexavalent chromium, were monitored for in June, September, and December 2015 under the requirements of the Unregulated Contaminant Monitoring Rule. No MCL has been established for chlorate and the NYSDOH chromium MCL is for chromium (total).
 - (3) Value represents MRDL, which is a level of disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects. The MRDL is enforceable in the same manner as an MCL and is the calculated running annual average. Data presented are the range of individual sampling results and the highest of the four quarterly running annual averages.
 - (4) Determination of MCL violation: If a sample exceeds the MCL, a second sample must be collected from the same location within two weeks, or as soon as practical. If the average of the two results exceeds the MCL, then an MCL violation has occurred.
 - (5) Action Level (not an MCL) measured at-the-tap. The data presented in this table were collected from sampling stations at the street curb. For at-the-tap monitoring, see the Lead and Copper Rule Sampling at Residential Water Taps table.
 - (6) A Langelier Index of less than zero indicates corrosive tendencies.
 - (7) Hardness of up to 3 grains per gallon is considered soft water; between 3 and 9 is moderately hard water.
 - (8) If iron and manganese are present, the total concentration of both should not exceed 500 µg/L.
 - (9) NYSDOH established Optimal Water Quality Parameters (OWQP) under the Lead and Copper Rule which includes a range for pH and ortho-phosphate which are presented here. The reported average value for pH is the median value. The pH was elevated in two samples: at site 41650 (Forest Hills, 11375) on 9/1/15 with a pH of 10.9, which was attributed to a water main replacement project in the area; and site 47500 (Far Rockaway, 11693) on 10/5/15 at 8.6 which was attributed to a distribution operational adjustment to a nearby pressure regulator. All other samples collected in 2015 reflected pH in the expected ranges.
 - (10) Water containing more than 20 mg/L of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/L of sodium should not be used for drinking by people on moderately restricted sodium diets.
 - (11) Turbidity is a measure of cloudiness of the water. Turbidity is monitored because it is a good indicator of water quality, because high turbidity can hinder the effectiveness of disinfection, and because it is a good indicator of the effectiveness of our filtration system.
 - (12) This MCL for turbidity is the monthly average rounded off to the nearest whole number. Data presented are the range of individual sampling results and the highest monthly average from distribution sites.
 - (13) This MCL for turbidity is on individual readings taken every four hours at the unfiltered Catskill/Delaware source water entry point. Value presented is the highest individual sampling result.
 - (14) This is a Treatment Technique performance standard for the Croton Filtration Plant. The value presented is the highest single combined filter effluent turbidity measurement which occurred on 6/15/15. In addition, 100% of the measurements were < 0.3 NTU, exceeding the State regulations which require that turbidity at the combined filter effluent must always be < 1.0 NTU and that 95% of the measurements be < 0.3 NTU.
 - (15) 1,4-Dioxane was monitored for in June, September, and December 2015 under the requirements of the Unregulated Contaminant Monitoring Rule, and was detected in only one sample collected from site 1SCL1 (Van Cortlandt Village, 10463) on 12/8/15.
 - (16) The MCLs for HAA5 and TTHMs are the calculated locational running annual average. The data in the Range column are the minimum and maximum values of all sample sites monitored in the distribution system whether for compliance purposes or not. The values in the Average column are the highest locational running annual averages under the Stage 2 Disinfectant and Disinfection By-Products Rule.
 - (17) If a sample and its repeat sample are both positive for coliform bacteria and one of the two samples is positive for *E. coli*, then an MCL violation has occurred.
- * NYSDOH allows monitoring for these contaminants less frequently than once per year. These data, though representative, are from 2012.





One of the nearly 1,000 water quality sampling stations throughout New York City

UNREGULATED CONTAMINANT MONITORING RULE (UCMR)

Under the 1996 amendments to the federal Safe Drinking Water Act and the Third Unregulated Contaminant Monitoring Rule (UCMR3), EPA is required once every five years to issue a new list of up to 30 unregulated contaminants that public water systems must monitor. The intent of the rule is to provide baseline occurrence data that EPA can combine with toxicological research to make decisions about potential future drinking water regulations. DEP is currently participating in the third round of this contaminant testing. The data from this sampling can be found in the tables of this report. For more information on the rule, and to see a list of the unregulated contaminants, go to water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3.

LEAD IN DRINKING WATER

New York City water is virtually lead-free when it is delivered from New York City's upstate reservoir system, but water can absorb lead from solder, fixtures, and pipes found in the plumbing of some buildings or homes. DEP has an active corrosion control program aimed at reducing lead absorption from service lines and internal plumbing. Under the federal Lead and Copper Rule, mandated at-the-tap lead monitoring is conducted at select households throughout New York City. In 2015, based on the results of this monitoring, the 90th percentile did not exceed 15 µg/L, the established standard or Action Level for lead. The at-the-tap monitoring results are presented in the table on page 7 of this report.

Lead in drinking water is colorless, odorless and tasteless; if present at elevated levels it can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. DEP is responsible for providing high-quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested.

DEP offers a Free Residential Lead Testing Program that allows all New York City residents to have their tap water tested at no cost. The Free Residential Testing Program is the largest of its kind in the nation: DEP has distributed over 100,000 sample collection kits since the start of the program in 1992. To request a free kit to test for lead in your drinking water, call New York City's 24-hour helpline at 311 or visit www.nyc.gov/apps/311.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at www.epa.gov/safewater/lead.

MONITORING FOR CRYPTOSPORIDIUM AND GIARDIA

In 1992, New York City started a comprehensive program to monitor its source waters and watersheds for the presence of *Cryptosporidium* and *Giardia*. In 2015, DEP collected samples weekly from the active outflow of the Kensico Reservoir, prior to chlorination, and before treatment at the Catskill/Delaware UV Disinfection

Facility. Downstream from the UV Disinfection Facility, weekly samples were collected from the outflow of Hillview Reservoir, just prior to secondary disinfection with chlorine, after which the water flows into distribution. In addition, DEP collected raw source water samples monthly from the outflow of the New Croton Reservoir from January through April, and weekly from the outflow of Jerome Reservoir after the Croton Water Filtration Plant came on-line in May 2015. While there is no evidence that any cases of cryptosporidiosis or giardiasis have been attributed to the New York City water supply, federal and State law requires all water suppliers to notify their customers about the potential risks from *Cryptosporidium* and *Giardia*. Cryptosporidiosis and giardiasis are intestinal illnesses caused by microscopic pathogens, which can be waterborne. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Some people may be more vulnerable to disease causing microorganisms, or pathogens, in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly individuals, and infants, can be particularly at risk from infections. These people should seek advice from their health care providers about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium*, *Giardia*, and other microbial contaminants are available from EPA's Safe Drinking Water Hotline at (800) 426-4791.

From January 1 to December 31, 2015, a total of 52 routine weekly samples were collected and analyzed for *Cryptosporidium* oocysts and *Giardia* cysts at the Kensico Reservoir outflow, 52 routine weekly samples and two supplementary samples were collected at the Hillview Reservoir outflow, and 39 routine samples were collected at the Croton System outflow. Samples were analyzed using standard EPA methods. Method 1623 was used through March of 2015 and Method 1623.1 using EasyStain began in April 2015. Neither test method is able to differentiate between organisms that are dead, alive, or capable of causing disease. Of the 52 routine Kensico Reservoir samples, eight were positive for *Cryptosporidium* (0 to 2 oocysts/50L), and 19 were positive for *Giardia* (0 to 8 cysts/50L). Of the 52 routine Hillview Reservoir samples, six were positive for *Cryptosporidium* (0 to 1 oocysts/50L), and five were positive for *Giardia* (0 to 2 cysts/50L). The two supplementary samples from Hillview Reservoir were resamples collected due to quality control issues. The results from these resamples were negative for both *Giardia* cysts and *Cryptosporidium* oocysts. Of the 39 routine Croton System source water samples, one was positive for *Cryptosporidium* (1 oocyst/50L) and one was positive for *Giardia* (2 cysts/50L). The presence of low levels of *Cryptosporidium* and *Giardia* detected in the source water required no action on the part of DEP. DEP's *Cryptosporidium* and *Giardia* data from 1992 to the present, along with weekly updates, can be viewed on the DEP website at www.nyc.gov/dep.

DEP's Waterborne Disease Risk Assessment Program conducts disease surveillance for cryptosporidiosis and giardiasis to track the disease incidence and syndromic surveillance for gastrointestinal illness to identify potential citywide gastrointestinal outbreaks. All persons diagnosed with cryptosporidiosis are interviewed concerning potential exposures, including tap water consumption. Disease and syndromic surveillance indicates that there were no outbreaks of cryptosporidiosis or giardiasis attributed to tap water consumption in New York City in 2015.



WATER MAIN REPLACEMENT

Drinking water is distributed to New York City's 8.5 million residents through a vast network of subsurface pipes known as water mains. To keep that distribution system in a state of good repair, DEP has continued to upgrade and replace many of its water mains that have been in service for decades. In 2015, DEP constructed more than 30 miles of new water mains at a cost of roughly \$116 million. Those projects included 1.2 miles of water mains in Manhattan and 2.6 miles of water mains in southeast Queens. Upgrades also included additional connections to the second stage of City Tunnel No. 3. Similar work on water mains will soon begin in the Richmond Hill and Jamaica neighborhoods in Queens. In the years ahead, DEP will continue to upgrade the network of pipes that provide high-quality drinking water to residents of the five boroughs.



WATER FOR THE FUTURE - DELAWARE BYPASS TUNNEL

New York City has implemented the Water for the Future program to supplement DEP's water supply, and to help meet water demands in an emergency. One major component of DEP's Water for the Future program is aimed at addressing the known leaks in the Rondout-West Branch Tunnel section of the Delaware Aqueduct, which conveys more than 50 percent of the daily drinking water for New York City. In November 2010, DEP unveiled a design to repair leaks in the 85-mile Delaware Aqueduct to ensure the integrity of New York City's vital infrastructure, which is fundamental to New York City's long-term growth and prosperity. The construction of the bypass tunnel, and the repair of the lining, will ensure that DEP can continue to deliver high-quality drinking water every day for decades to come. DEP began work on the bypass tunnel in the spring of 2013, and plans to connect it to the Delaware Aqueduct in 2022. Other projects that will be implemented as part of the Water for the Future program include the repair and rehabilitation of the Catskill Aqueduct and various conservation initiatives.

WATERSHED PROTECTION AND POLLUTION PREVENTION PROGRAMS

SOURCE WATER ASSESSMENT PROGRAM

Federal regulations require states to develop and implement Source Water Assessment Programs to: identify the areas that supply public tap water, inventory contaminants and assess water system susceptibility to contamination, and inform the public of the results. The states are given a great deal of flexibility on how to implement Source Water Assessment Programs. These assessments are created using available information to help estimate the potential for source water contamination. Higher susceptibility ratings do not mean that source water contamination has occurred or will occur in the water supply; rather, they indicate the need for water suppliers to implement additional precautionary measures.

In 1993, New York City secured its first FAD for the Catskill/Delaware supply, and, in 1997, the historic New York City Watershed Memorandum of Agreement was signed. Since that time, New York City has been implementing a series of programs to further reduce the susceptibility of all of its surface water supply to contamination from a variety of sources. These ongoing programs operate under the close scrutiny of both the NYSDOH and EPA. Because of these efforts, which are reported on in the *Watershed Water Quality Annual Report*, NYSDOH does not deem it necessary to perform a source water assessment on the New York City Water Supply. For information on the DEP *Watershed Water Quality Annual Report*, visit www.nyc.gov/dep.

MAINTAINING NEW YORK CITY'S WORLD-RENOWNED WATER SUPPLY

10-Year Filtration Avoidance Determination

The key elements for maintaining the high-quality of our drinking water are the watershed protection and pollution prevention strategies DEP employs upstate. These strategies are designed to keep pollution out of our upstate reservoirs and watercourses. DEP is currently implementing a 10-year FAD, issued by EPA in July 2007, and updated by NYSDOH in May 2014. Through watershed protection programs specified in the FAD, New York City maintains a high-quality surface drinking water supply without a requirement for filtration. As part of the FAD, New York City continues to enhance its existing source water protection programs, including, among others, a commitment from DEP to continue to acquire certain undeveloped land in the Catskill/Delaware watershed as a means of water quality protection. In 2014, New York City allocated an additional \$65 million (beyond the \$541 million committed previously) to be spent for this purpose. DEP also secured a 15-year water supply permit in 2010 from the New York State Department of Environmental Conservation that allows New York City to continue acquisition of sensitive watershed land to protect the largest unfiltered drinking water supply in the world. Furthermore, DEP is implementing new programs in the watershed to protect water quality and enhance community resiliency during flood events. Over the past two decades of source water protection, New York City has consistently demonstrated the commitment and ability to deliver effective programs to ensure the long-term quality of the water supply. For more information on DEP's watershed protection programs, visit www.nyc.gov/dep.

Key programs and selected accomplishments include:

- ◆ **Land Acquisition** – New York City acquires real property interests from willing sellers to further protect and buffer its 19 reservoirs and three controlled lakes in the Catskill/Delaware and Croton watersheds. In 2015, New York City, including its land trust partners that receive funding from the City, signed contracts with landowners to purchase more than 4,800 acres of sensitive watershed land. Since 1997, DEP has secured more than 140,000 acres of land and easements, adding to the roughly 42,000 acres surrounding the reservoirs that New York City owned in 1997. The property DEP owns is protected from development, which helps create natural buffers to avoid degradation of the water supply. The State of New York also owns and protects more than 200,000 acres of land in the New York City watershed.
- ◆ **Land Management** – With the acquisition of land over the past 19 years, New York City has become one of the largest landowners in the watershed region. DEP manages these properties to ensure that water quality is protected. DEP believes that protecting the watershed lands does not conflict with providing recreational access to members of the surrounding communities. Since 1997, DEP has increased the acreage of land and water open for recreation every year, and approximately 126,000 acres are now available for fishing, hiking, hunting, cross-country skiing, and other activities. DEP now has four of its west-of-Hudson reservoirs open for recreational boating by permit, which includes rowboats, canoes, kayaks, and small sailboats. In addition, in 2013, DEP initiated a pilot program that allows the use of electric motors on rowboats on the Cannonsville Reservoir.
- ◆ **Partnership Programs** – Many of New York City's watershed protection programs west of the Hudson River are administered by the Catskill Watershed Corporation, a nonprofit organization. Together, DEP and the Catskill Watershed Corporation have repaired or replaced more than 4,800 failing septic systems and authorized the construction of more than 70 stormwater control measures on properties in the watershed. New York City has also made available more than \$185 million for new community wastewater projects. When all projects are completed, they will be capable of treating a total of 1.7 million gallons of wastewater per day. Another DEP partnership program is the Stream Management Program, which encourages the stewardship of streams and floodplains in the watershed west of the Hudson River. Additionally, the Watershed Agricultural Program and Watershed Forestry Program both represent long-term successful partnerships between DEP and the nonprofit Watershed Agricultural Council. The underlying goal of both programs is to support and maintain well-managed family farms and working forests as beneficial land uses for water quality protection and rural economic viability. Together, these partnerships work with watershed residents to identify and eliminate potential pollution sources.



Catskill/Delaware Watershed Lands



GILBOA DAM

In 2014, DEP completed an award-winning project to rehabilitate Gilboa Dam. The dam, located in Schoharie County, is the northernmost piece of infrastructure in New York City's water supply system. Gilboa Dam impounds the waters of Schoharie Creek to form the City's Schoharie Reservoir. The \$138 million project to reconstruct the dam was recognized in 2015 as the National Dam Rehabilitation Project of the Year by the Association of Dam Safety Officials (ASDSO). ASDSO annually honors individuals and organizations that provide exemplary contributions to the improvement of dam safety throughout the United States. The award for Gilboa Dam is the organization's most prestigious honor, recognizing unique projects that advance state-of-the-art designs in the field of dam safety and exemplify the professional engineering and construction standards that dam safety requires. The Gilboa Dam rehab project was completed two years ahead of schedule. It was designed to address decades of weathering that had damaged the stone face of the dam, and to improve the dam's ability to withstand flooding from large storms. The project included the addition of approximately 234 million pounds of concrete, molded and dyed to resemble the original bluestone face of the dam, along with the installation of 500 massive spillway slabs and upgrades to the abutment walls that support the dam. Gilboa Dam, originally completed in 1927 as part of the City's Catskill System, is 2,024 feet long, 182 feet high, and more than 150 feet wide at its base. At nearly 90 years old, the dam still serves as a critical piece of infrastructure for New Yorkers – the water it impounds accounts for about 15 percent of the City's drinking water each year.

WATER CONSERVATION

DEP values the role of water conservation and demand management as a responsible way to plan for the long-term use of New York City's water supply. As a result, actual water demand is down more than 30 percent since the 1990s, despite consistent increases in our population.

The goal of DEP's water conservation efforts, since the release of PlaNYC2030, is to reduce water use in New York City and in upstate communities by a total of five percent, thereby lowering consumption by approximately 50 million gallons of water per day. Using both active and passive conservation, significant reductions have already been achieved since 2010 when demand was 1,039 million gallons per day. In 2015, the demand dropped 30 million gallons per day, to 1,009. There are five major strategies DEP outlined in the 2014 Water Demand Management Plan. Since the release of the plan, DEP added a sixth strategy. These strategies are detailed below.

- ◆ **Municipal Water Efficiency Program** – As part of this program, DEP has already begun a partnership with the New York City Department of Parks and Recreation to install activation buttons on spray showers at 400 playgrounds around New York City that will save 1.5 million gallons of water a day. More than 40,000 bathroom fixtures in 500 public school buildings are also being updated. These retrofits will conserve approximately 4 million gallons of water each school day.
- ◆ **Residential Water Efficiency Program** – To encourage water conservation in private properties, DEP has begun a voucher-based program to replace roughly 150,000 outdated residential toilets with high efficiency models. The toilet rebate program will build on the success of a similar rebate program that ran from 1994 to 1997 and replaced 1.3 million toilets.

- ◆ **Non-Residential Water Efficiency Program** – DEP recently honored restaurants for participating in the 2015 New York City Water Challenge to Restaurants. Each restaurant worked closely with DEP to: audit their water use, retrofit and replace inefficient water using equipment, and educate staff on using water wisely with the goal of reducing their annual water consumption by five percent. In total, ten restaurants achieved the five percent reduction in water consumption, conserving roughly 2.6 million gallons of water.
- ◆ **Water Distribution System Optimization** – DEP has developed a strategy to handle system repairs and upgrades, manage water pressure, and refine water meter accuracy and leak detection, in order to optimize New York City's water distribution system. Leaking and/or vandalized fire hydrants can also contribute significantly to water waste, as an illegally opened fire hydrant can release more than 1,000 gallons per minute. DEP repairs, replaces, and provides other maintenance services to thousands of hydrants annually.
- ◆ **Water Supply Shortage Management** – To prepare for droughts and other water shortages, DEP is in the process of revising its Water Shortage Rules, previously known as Drought Rules, so emergency reductions and prohibitions can be implemented in times of water shortages that are not the result of droughts.
- ◆ **Wholesale Water Efficiency Program** – DEP is working with its largest upstate wholesale water customers to develop conservation plans aimed at saving water and money. DEP will work with the upstate customers to identify demand management strategies with a goal of reducing their water use by five percent. DEP began by offering the planning service to the 10 largest upstate wholesale customers, which include communities in Orange and Westchester Counties.

New York City is fortunate to have reasonably priced drinking water as compared to other cities around the country. The average single-family household in New York City uses approximately 80,000 gallons of water each year, at a cost of \$3.82 per 100 cubic feet of water (748 gallons), or about \$409 a year. Since nearly all New York City residences receive wastewater collection and treatment services in addition to water service, the combined annual water and sewer charge for the typical New York City household using 80,000 gallons per year is \$1,058, consisting of \$409 for water service and \$649 for wastewater services (based on the Fiscal Year 2016 rates).

DEP asks that everyone do his or her part to conserve this important resource. All New Yorkers should observe good water conservation habits, and are required to obey New York City's year-round water use restrictions, which include a prohibition on watering sidewalks and lawns between November 1 and March 31, and between 11am and 7pm from April 1 to October 31. Remember, it is illegal to open fire hydrants at any time without a permit. However, during the summer, you can contact your local firehouse to have a DEP-approved spray cap installed on a hydrant.



CATSKILL-DELAWARE INTERCONNECTION

In 2015, DEP placed the Catskill-Delaware Interconnection into service. The roughly \$22 million interconnection was constructed in Ulster County at a location where the two aqueducts practically intersect, with one running only a few hundred feet below the other. The project will allow DEP to move as much as 365 million gallons per day from the Delaware Aqueduct into the Catskill Aqueduct. (Water cannot move the other way because the Delaware Aqueduct is a deep bedrock tunnel under pressure, and the Catskill is an open-channel tunnel built at the surface.) The interconnection will provide DEP with a new tool to reduce turbidity in the water supply system after large storms. Turbidity after large rainfall or snow-melt events can be problematic in the Catskill System because the streams and creeks that feed its reservoirs run through steep valleys comprised of loose silt and clay. These fine particles can be picked up by the fast-moving water and carried into Ashokan and Schoharie reservoirs. The new facility gives DEP the flexibility to introduce Delaware System water – which is not generally prone to high turbidity – into the Catskill Aqueduct to reduce turbidity and the need for additional treatment chemicals. Engineers envisioned a connection between the two aqueducts when they built the Delaware System in the 1940s. In fact, the east wall of the valve chamber at Delaware Aqueduct Shaft 4 was constructed with four arched openings – each temporarily closed by brick walls – that could one day allow pipes to be installed to move Delaware water into the Catskill Aqueduct. The new interconnection is one of several facilities that provide DEP with the flexibility to convey the best drinking water from different parts of its upstate reservoir system each day.



REHABILITATION OF SHAFT 3 - CITY WATER TUNNEL No. 1

Following the replacement of two 100-year-old, 13-foot-tall, 20,000-pound manganese bronze guard valves at Shaft 3 with 6,700-pound stainless steel valves, at a cost of \$1 million, DEP was able to complete a network of pipes through which filtered water from the Croton water supply can flow daily to Manhattan and the Bronx.

ADMINISTRATIVE AND JUDICIAL ORDERS

Hillview Reservoir is the last reservoir in the Catskill/Delaware system prior to distribution. On May 24, 2010, New York City and EPA entered into an Administrative Order on Consent which sets forth a milestone schedule to install a cover over the Hillview Reservoir by mid-2028. The milestones of a previous Administrative Order on Consent from 2008, between New York City and NYSDOH, were incorporated into the 2010 Administrative Order on Consent. Additionally, in August of 2011, EPA released a report entitled *Improving Our*

Regulations: Final Plan for Periodic Reviews of Existing Regulations, in which EPA indicated that it will evaluate the reservoir cover requirement of the Long Term 2 Enhanced Surface Water Treatment Rule. DEP has been actively involved in EPA's review process.

The Catskill/Delaware Ultraviolet Disinfection Facility, which began treating Catskill/Delaware water in October 2012, was constructed, and is operating, pursuant to an Administrative Order with EPA. DEP is in compliance with the Administrative Order.

DEP was required to construct a filtration plant for the Croton water supply under a Consent Decree entered into between New York City and the United States and the State of New York. On May 7, 2015, DEP commenced operation of the Croton Water Filtration Plant. Since commencing operation of the Croton Water Filtration Plant, DEP has delivered treated water for at least eight hours each day. On November 15, 2015, the Croton Water Filtration Plant successfully delivered a treated water flow of 290 million gallons per day (the plant's designed maximum flow) to the New York City drinking water distribution system, and the plant has remained in a state of readiness to deliver at least 145 million gallons per day. In order to terminate this Consent Decree, DEP must submit to NYSDOH documentation evidencing fulfillment of all other milestones listed in its Interim Approval of Completed Works by May 17, 2016.

Croton water was not fed into distribution between January 1, 2015 and May 6, 2015. Because the Croton Water Filtration Plant was not operational until May 7, 2015, DEP is required by law to make the following statement: Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. Since May 7, 2015, all water delivered to consumers from the Croton water supply has been filtered in accordance with the requirements of the Safe Drinking Water Act and the State Sanitary Code.

FREQUENTLY ASKED QUESTIONS

SOMETIMES MY WATER IS A RUSTY BROWN COLOR. WHAT CAUSES THIS?

Brown or discolored water is commonly associated with plumbing corrosion problems inside buildings and from rusting hot water heaters. If you have an ongoing problem with brown water, it may be due to rusty pipes. It is recommended that you run your cold water for 2-3 minutes if it has not been used for an extended period of time. This will flush the line. You can avoid wasting water by catching your “flush” water in a container and using it to water plants or for other purposes. If you experience a sudden event of discoloration, it may be the result of disturbances of water mains which occur when water mains break, are being repaired, or there is adjacent construction outside of your building. Also fire hydrant use from firefighting or testing may cause brown water. The water pipes are pressurized, and a disturbance may stir up or re-suspend these sediments and cause the water to be discolored in a wide area. Discoloration is a temporary condition most often caused by particles of iron and manganese which have settled to the bottom of the water pipes buried under the roadways. The water pipes are pressurized and any sudden change in the flow of water within the pipes can cause them to vibrate, which, in turn, may loosen or re-suspend the brownish/red/orange particles of iron into the water. Flushing water from fire hydrants, by DEP, in areas affected by discolored water will usually eliminate or reduce the problem.

AT TIMES I CAN DETECT CHLORINE ODORS IN TAP WATER. WHAT CAN I DO ABOUT IT?

Chlorine odors may be more noticeable when the weather is warmer. Chlorine is a disinfectant and is added to the water to kill germs. The following are ways you can remove the chlorine and its odor from your drinking water:

- Fill a pitcher and let it stand in the refrigerator overnight. This is the most effective way to address a chlorine odor in drinking water.
- Fill a glass or jar with water and let it stand in sunlight for 30 minutes.
- Pour water from one container to another about 10 times.
- Heat the water to about 100 degrees Fahrenheit.
- Once you remove the chlorine, be sure to refrigerate the water to limit bacterial regrowth.

IS NEW YORK CITY'S WATER “HARD”?

Hardness is a measure of dissolved calcium and magnesium in drinking water. The less calcium and magnesium in the water (“soft” water), the easier it is to create lather and suds. New York City’s Catskill/Delaware water supply is predominantly “soft” with a hardness of about 1.6 grain/gallon (CaCO_3). In areas of the City where Catskill/Delaware and Croton water supplies are blended, the hardness varies between 1.1 and 6.3 grain/gallon (CaCO_3).

SHOULD I BUY BOTTLED WATER?

You do not need to buy bottled water for health reasons in New York City since our water meets all federal and State health-based drinking water standards. In addition, bottled water costs up to 1,000 times more per year than New York City’s drinking water. When purchasing bottled water, consumers should look for the New York State Department of Health certification number (NYSHD CERT #).

Consumers can access additional information on New York State certified bottled water facilities within the United States that can sell bottled water within New York State at www.health.state.ny.us/environmental/water/drinking/bulk_bottle/bottled.htm. As an alternative to purchasing bottled water, use a reusable bottle and fill it with New York City tap water.

WHY DOES MY DRINKING WATER LOOK CLOUDY SOMETIMES?

Air becomes trapped in the water as it makes its long trip from the upstate reservoirs to the City. As a result, bubbles of air can sometimes cause water to appear cloudy or milky. This condition is not a public health concern. The cloudiness is temporary and clears quickly after water is drawn from the tap and the excess air is released.



STATEN ISLAND SIPHON

In February 2015, a tunnel boring machine (TBM) completed the excavation of a new, \$250 million water tunnel connecting Brooklyn to Staten Island. The new, deeper tunnel – called a siphon – will take drinking water under New York Harbor from Brooklyn to Staten Island. The 72-inch siphon was excavated at a depth of 100 feet and will replace two, nearly century old, existing water connections that run from Brooklyn to Staten Island at a much shallower depth. When the new tunnel is activated, these two old tunnels will be removed, and dredging will begin to deepen the Anchorage Channel, an important part of New York City’s water transportation infrastructure that provides the international shipping trade with access to New York Harbor, while the new tunnel will provide a redundant means to supply high-quality drinking water to Staten Island.

WHERE TO GO FOR ADDITIONAL INFORMATION

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling EPA's Safe Drinking Water Hotline at (800) 426-4791.

For additional copies of this report, to report unusual water characteristics, or to request a free kit to test for lead in your drinking water, call 311 or from outside New York City call (212) New-York or visit 311 online at www.nyc.gov/apps/311. TTY services are available by calling (212) 504-4115.

For more information about *Cryptosporidium* and *Giardia*, contact the Bureau of Communicable Diseases of the New York City Department of Health and Mental Hygiene at (347) 396-2600 or call 311 or visit www.nyc.gov/apps/311.

To contact the New York City Department of Health and Mental Hygiene about other water supply health-related questions, call 311 or visit 311 online at www.nyc.gov/apps/311. To contact the New York State Department of Health, Bureau of Water Supply Protection, call (518) 402-7650 or visit www.health.ny.gov.

To report pollution, crime or terrorism activity occurring in the watershed, call (888) H2O-SHED (426-7433).

To view the 2015 Drinking Water Supply and Quality Report, announcements of public hearings, and other information about the New York City Water Supply System, visit DEP's website at www.nyc.gov/dep.

Please share this information with other people who drink New York City tap water, especially those who may not have received this publication directly such as people who live in apartment buildings or nursing homes, attend schools, or have businesses. You can do this by posting this publication in a public place or distributing copies by hand mail or email.

Este reporte contiene información muy importante sobre el agua que usted toma. Haga que se la traduzcan o hable con alguien que la entienda.

Ce rapport contient des informations importantes sur votre eau potable. Traduisez-le ou parlez en avec quelqu'un qui le comprend bien.

Questo documento contiene informazioni importanti sulla vostra acqua potabile. Traducete il documento, or parlatene con qualcuno che lo può comprendere.

Rapò sa a gen enfòmasyon ki enpòtan anpil sou dlo w'ap bwè a. Fè tradwi-l pou ou, oswa pale ak yon moun ki konprann sa ki ekri ladan-l.

Ten raport zawiera bardzo istotną informację o twojej wodzie pitnej. Przetłumacz go albo porozmawiaj z kimś kto go rozumie.

В этом материале содержится важная информация относительно вашей питьевой воды. Переведите его или поговорите с кем-нибудь из тех, кто понимает его содержание.

這個報告中包含有關你的飲用水的重要信息。請將此報告翻譯成你的語言，或者詢問懂得擅份報告的人。

이 보고서는 귀하의 식수에 관한 매우 중요한 정보를 포함하고 있습니다. 이 정보에 대해 이해하는 사람에게 그 정보를 번역하거나 통역해 받으십시오.

এই প্রতিবেদনে আপনার পানীয় জল সম্পর্কে গুরুত্বপূর্ণ তথ্য রয়েছে



APPENDIX H

QUALIFICATIONS

Candace Quinn - Project Manager

BA Geography, magnum cum laude, Montclair State University
AHERA Asbestos Inspector Certificate-New York
OSHA 40-Hour Health and Safety Training

Ms. Quinn has over five years of experience in the environmental industry providing project management for AEI.

Project experience for Ms. Quinn includes:

- Phase I Environmental Site Assessments, Transaction Screens, Limited Site Assessments, Regulatory Database Reviews, NJDEP Preliminary Assessment Reports
- Phase II Subsurface Investigations, Tank Tightness Testing, Ground Penetrating Radar Assessments, Soil Vapor and Soil Gas Investigations

Ms. Quinn specializes in due diligence to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Transaction Screens, Limited Site Assessments, and Preliminary Assessments. Additionally, Ms. Quinn designs and implements various Phase II Subsurface Investigations and Soil Vapor and Soil Gas Investigations in conjunction with regulatory agency requirements.

Lindsay Glassman – Due Diligence Manager

M.S. – Marine Biology, Nova Southeastern University, 2009

B.S. – Marine Science and Biology with Chemistry Minor, University of Miami, 2005

2005 ASTM International Course for Environmental Site Assessments

SCUBA open-water certification, 1996

EPA/AHERA Accredited Asbestos Inspector

New York State Asbestos Inspector

OSHA 40-Hour HAZWOPER

Ms. Glassman has been in the environmental and due diligence industry since 2005 and provides senior project management to ensure ASTM compliance and satisfaction of client requirements. Ms. Glassman has completed hundreds of environmental assessments for a variety of sites including apartment buildings/complexes, commercial office buildings, shopping centers, multi-tenant commercial and industrial complexes, industrial warehouses, manufacturing facilities, gas stations, auto repair facilities, plating facilities, and dry cleaning facilities. Currently, Ms. Glassman serves as the Due Diligence Manager for AEI's Eastern Region, providing project staffing and management of environmental due diligence projects. In addition, Ms. Glassman aids in staff development and training, senior author and peer review services, and business development.

Project experience for Ms. Glassman includes:

- Phase I / II Environmental Site Assessments
- Environmental Transaction Screens
- Groundwater, surface water, soil, sediment, and air sampling
- Leaking underground storage tank sites and tank removals
- Petroleum and dry-cleaning solvent remediation
- Health and safety planning
- Air compliance reports
- Asbestos surveys and abatement monitoring, indoor air quality, radon testing, and lead-based paint surveys

Ms. Glassman's experience also extends to endangered species and avian monitoring projects, daily water sampling during dredging activities of the Miami River, and underwater benthic surveys for the identification and protection of ecological resources.

March 2, 2018

Aaron Stickney
417 Gerard Avenue Holdings LLC
c/o Treetop Development
The Glenpointe Centre West
500 Frank W Burr Boulevard
Teaneck, New Jersey

**Re: Subsurface Investigation Letter Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001**

Dear Mr. Stickney:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) completed a subsurface investigation on behalf of 417 Gerard Avenue Holdings LLC for the properties located at 440 Exterior Street, 445-465 Gerard Avenue, and 415-417 Gerard Avenue. The purpose of this investigation was to evaluate possible impacts to soil, groundwater, and soil vapor because of historical use of the site. This letter report provides a description of the site background, investigation methodologies, investigation results, and conclusions.

Site Background

The site is located in an urban area in the Mott Haven neighborhood of the Bronx, New York. The site encompasses an area of about 31,400 square feet (0.72 acres) and comprises Lots 3, 12, and 20 on Bronx Borough Tax Block 2351. The lots are located on the city block bound by East 146th Street to the north, Gerard Avenue to the east, East 144th Street to the south, and Exterior Street to the west. Lot 3 is developed with a one-story warehouse and parking lot operated by an advertising company, Lot 12 is developed with a vacant one-story warehouse, and Lot 20 is developed with a vacant one-story warehouse with a partial cellar. Previous environmental investigations, including the March 2012 and October 2015 Phase II Subsurface Investigations performed by AEI Consultants, and site observations indicate that the following petroleum bulk storage tanks are located at the site:

- Lot 3: one 550-gallon gasoline underground storage tank (UST); one gasoline UST of unknown size
- Lot 12: Three gasoline USTs of unknown size; one UST of unknown size
- Lot 20: Four aboveground storage tanks (ASTs) - two 275-gallon, one 12-gallon, and one of unknown size; two 550-gallon gasoline USTs;

Based on the previous subsurface investigations, the primary contaminants of concern for the site include petroleum, petroleum-related volatile organic compounds (VOCs), chlorinated VOCs, semivolatile organic compounds (SVOCs), and lead.

Field Investigation

The Subsurface Investigation was implemented between September 5 and 22, 2017 and included:

- A geophysical survey to locate potential USTs and other subsurface structures
- Advancement of 13 soil borings to depths up to 25 feet below grade surface (bgs) and collection of twelve soil samples
- Installation of three temporary groundwater monitoring wells and collection of three groundwater samples
- Installation of three soil vapor sampling points and collection of three soil vapor samples and one ambient air sample

Geophysical Survey

NOVA Geophysical Services (NOVA) conducted a geophysical survey under the supervision of a Langan field engineer to identify USTs and subsurface structures located beneath the basement slab. The survey included ground penetrating radar (GPR) and electromagnetic (EM) detectors.

Soil Investigation

Thirteen soil borings (SB01 through SB13) were advanced at the site by AARCO Environmental Services Corp. (AARCO) on September 5 and 6, 2017 and September 22, 2017. Langan field personnel documented drilling activities and collected samples. Soil boring locations are shown on Figure 1. The soil borings were advanced to depths of up to 25 feet below grade surface, using a Geoprobe® 6610DT direct-push drill rig. Soil samples were inspected for visual and olfactory evidence of impacts and screened for organic vapors with a photoionization detector (PID). A total of 12 grab soil samples were collected for laboratory analyses. A sample was collected from each boring (except SB10) from the interval exhibiting the highest PID readings and/or visual and olfactory indications of impacts. Soil boring logs are provided as Attachment 1.

Samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to Alpha Analytical Laboratories (Alpha). Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Samples were analyzed for volatile organic compounds (VOC), semivolatile organic compounds (SVOC), metals, pesticides, and/or polychlorinated biphenyls (PCB).

Groundwater Investigation

Three temporary monitoring wells (MW01, MW06, and MW08) were installed on September 5 through 7, 2017 by AARCO and documented by Langan field personnel. One well was installed on each of the three lots. Monitoring wells were constructed using 2-inch diameter polyvinyl chloride (PVC) riser pipe with 10-foot long, 0.01-inch slotted screens. The well annulus around the screen was backfilled with clean sand up to surface grade. Groundwater sample locations are shown on Figure 2.

A total of three groundwater samples were collected for laboratory analyses. Before sampling, the headspace of each well was monitored with a PID and the wells were gauged with an interface probe to determine depth to groundwater. A multi-parameter water quality instrument was used to monitor the groundwater quality parameters during sampling. Samples were collected with a submersible pump and dedicated polyethylene tubing. Samples were collected into laboratory-supplied containers and delivered via courier to Alpha under standard chain-of-custody protocol. Samples were analyzed for VOCs, SVOCs, PCBs, and/or metals (total and dissolved). Groundwater sampling logs are provided as Attachment 2.

Soil Vapor Investigation

Three soil vapor points (SV01, SV06, and SV08) were installed on September 6 and 7, 2017. One soil vapor point was installed on each of the three lots. The soil vapor points were installed by AARCO and documented by Langan field personnel. Soil vapor points were installed at a depth of approximately two feet above the groundwater interface (about 9, 14, and 17 feet bgs for SV01, SV06, and SV08, respectively). At each soil vapor location, a two-inch polyethylene probe attached to dedicated polyethylene tubing was inserted into a 3.75-inch-diameter borehole. The annulus around the tubing was filled with clean sand to just below the underside of the floor slab. Bentonite slurry was then used to seal the top of the sample point. One ambient air sample (AA01) was collected on the Exterior Street sidewalk on September 7, 2017. Soil vapor points and the ambient air sample locations are shown on Figure 3.

Each soil vapor point was purged using a MultiRAE five-gas meter at an approximate rate of 0.2 liters per minute (L/min) to evacuate a minimum of three tubing/vapor point volumes prior to sample collection. The ambient air and soil vapor samples were collected into laboratory-supplied, batch-certified, 6-liter Summa[®] canisters that were calibrated for a 2-hour sampling period. Soil vapor and ambient air sampling logs are provided as Attachment 3.

The canisters were labeled and transported via courier to Alpha following standard chain-of-custody protocols. Soil vapor and ambient air samples were analyzed for VOCs via United States Environmental Protection Agency (USEPA) Method TO-15.

Observations and Results

Geophysical Survey

The geophysical survey identified three anomalies consistent with the presence of USTs: one in the northeastern corner of the building on Lot 12, one in the southeastern corner of the building on Lot 12, and one in the southeastern corner of the building on Lot 20.

Soil Observations

The site is underlain by fill material predominantly consisting of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag. The fill was observed to depths varying between about 10 and 20 feet bgs. Glacial till that predominantly consisted of fine- to coarse-grained sand with varying amounts of gravel and silt was observed below the fill. Bedrock was not encountered during the subsurface investigation; however, decomposed bedrock was encountered at depths ranging from about 63 to 104 feet bgs during Langan's September 2017 geotechnical investigation. Depth-to-bedrock increased from east to west across the site footprint.

Evidence of petroleum impacts (e.g., staining, odors, and PID readings above background) were observed in samples collected from borings advanced on each of the three lots. Based on field observations, NYSDEC was contacted and Spill No. 1705596 was assigned to Lot 12.

Soil Analytical Results

VOCs, SVOCs, and metals were detected at concentrations above the Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted-Residential Use (RRU) Soil Cleanup Objectives (SCOs) in soil samples collected from across the site footprint. One pesticide (4,4'-DDT) was detected at a concentration above the Part 375 UU SCO in one soil sample collected from the southwestern corner of Lot 3. PCBs were not detected above the UU SCOs. Soil sample analytical results are provided on Tables 1 and 2.

Groundwater Analytical Results

Groundwater was observed at depths ranging from about 15 to 20 feet bgs across the site footprint. The inferred regional groundwater flow direction for the area surrounding the site is to the west toward the Harlem River.

Petroleum-related VOCs, SVOCs, and metals were detected at concentrations above the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Groundwater in groundwater samples collected from each lot. PCBs were not detected above the NYSDEC TOGS SGVs. Groundwater analytical results are provided on Table 3.

Soil Vapor and Ambient Air Analytical Results

Petroleum-related VOCs and chlorinated VOCs were detected in soil vapor samples collected from each lot at concentrations above those detected in the ambient air sample. Although not a direct comparison standard, tetrachloroethene (PCE) concentrations above the NYSDOH Air Guidance Value (AGV) were detected in the soil vapor sample collected from the western part of Lot 3 (SV01). Total VOCs were detected at a maximum concentration of about 10,472 $\mu\text{g}/\text{m}^3$ in SV01. Indoor air samples were not collected because the existing building is currently vacant, and will be demolished as part of site redevelopment. Soil vapor and ambient air analytical results are provided on Table 4.

The laboratory analytical reports for soil, groundwater, and soil vapor are provided as Attachment 4.

Conclusions

Site soil contains VOCs, SVOCs, and metals at concentrations exceeding UU and/or RRU SCOs. Petroleum impacts were observed in samples collected from borings advanced on each of the three lots. Accordingly, a spill was reported to NYSDEC (Spill No. 1705596) for Lot 12.

Site groundwater contains VOCs, SVOCs, and metals exceeding NYSDEC SGVs. Site soil vapor contains petroleum and chlorinated VOCs. PCE was detected above its AGV in a soil vapor sample collected from the western part of Lot 3.

Petroleum and chlorinated VOC impacts in site soil, groundwater, and/or soil vapor are likely from releases from historical on-site petroleum bulk storage and/or historical site use.

Sincerely,
**Langan Engineering, Environmental, Surveying and
Landscape Architecture, D.P.C.**



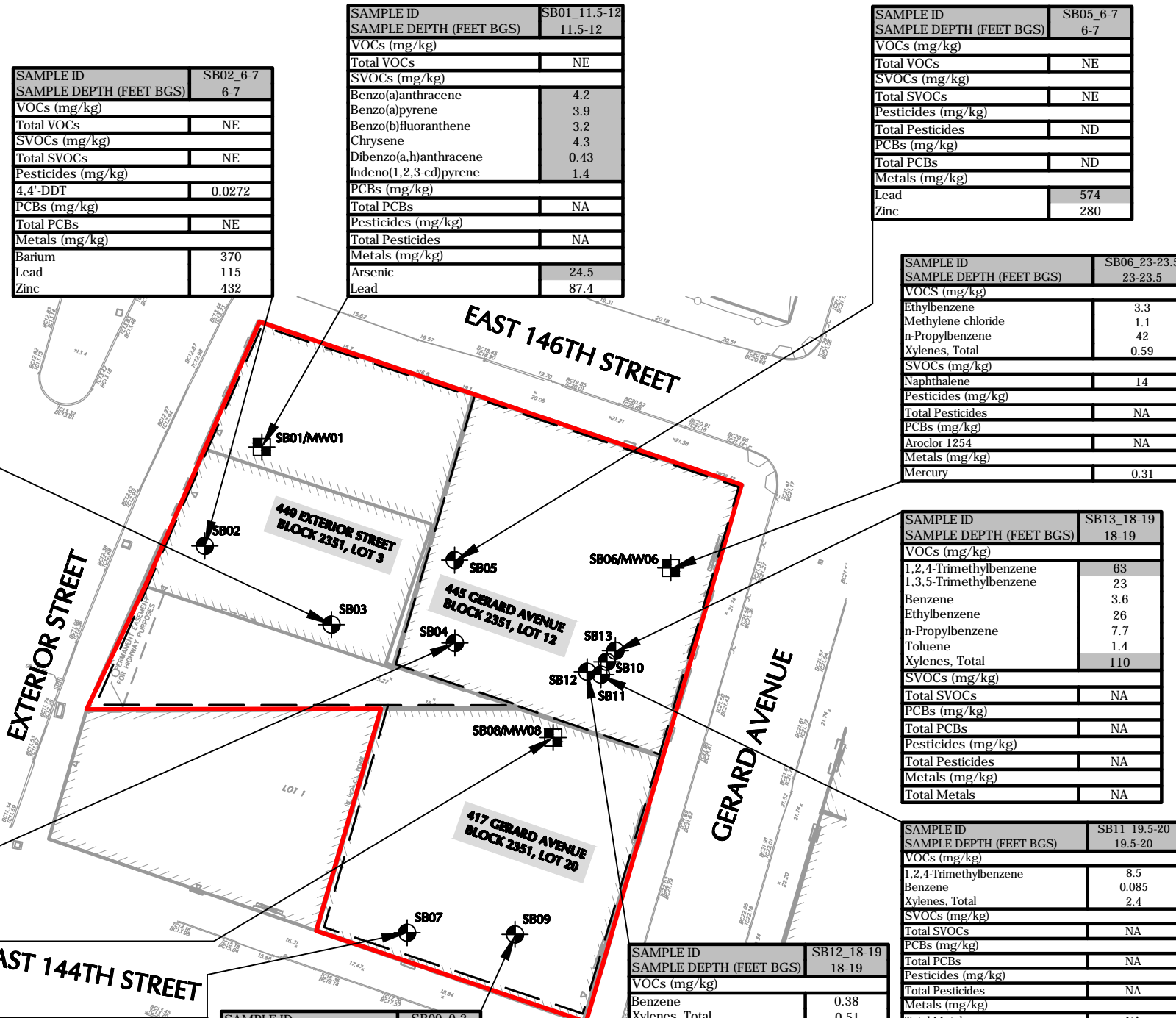
Ryan Manderbach, CHMM
Senior Project Manager



Jason J. Hayes, PE, LEED AP
Senior Associate/Vice President

Enclosure(s): Figure 1 – Soil Sample Location and Results Map
Figure 2 – Groundwater Sample Location and Results Map
Figure 3 – Soil Vapor Sample Location and Results Map
Table 1 – Soil Sample Analytical Results Summary - VOCs
Table 2 – Soil Sample Analytical Results Summary – SVOCs, Pesticides, PCBs, and Metals
Table 3 - Groundwater Sample Analytical Results Summary
Table 4 – Soil Vapor Sample Analytical Results Summary
Attachment 1 – Soil Boring Logs
Attachment 2 – Groundwater Sampling Logs
Attachment 3 – Soil Vapor Sampling Logs
Attachment 4 – Laboratory Analytical Reports

Figures



LEGEND:

- SITE BOUNDARY
- TAX LOT BOUNDARY
- SB03** SOIL BORING LOCATION (LANGAN, SEPTEMBER 2017)
- SB01/MW01** SOIL BORING AND MONITORING WELL LOCATION (LANGAN, SEPTEMBER 2017)

NOTES:

1. THE BASE MAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
2. BORING LOCATIONS ARE BASED ON FIELD MEASUREMENTS.
3. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO TITLE 6 OF THE NEW YORK CODES, RULES AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE (UU) AND RESTRICTED USE RESTRICTED-RESIDENTIAL (RRU) SOIL CLEANUP OBJECTIVE (SCOs).
4. RESULTS EXCEEDING UU SCOs ARE BOLDED.
5. RESULTS EXCEEDING RRU SCOs ARE SHADED AND BOLDED.
6. VOCs = VOLATILE ORGANIC COMPOUNDS
7. SVOCs = SEMIVOLATILE ORGANIC COMPOUNDS
8. PCBs = POLYCHLORINATED BIPHENYLS
9. NA = NOT ANALYZED
10. ND = NOT DETECTED
11. NE = NO EXCEEDANCE
12. BGS = BELOW GRADE SURFACE
13. MG/KG = MILLIGRAM PER KILOGRAM

SAMPLE ID	SB02_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	NE
Total VOCs	NE
SVOCs (mg/kg)	NE
Total SVOCs	NE
Pesticides (mg/kg)	NE
4,4'-DDT	0.0272
PCBs (mg/kg)	NE
Total PCBs	NE
Metals (mg/kg)	
Barium	370
Lead	115
Zinc	432

SAMPLE ID	SB01_11.5-12
SAMPLE DEPTH (FEET BGS)	11.5-12
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(a)anthracene	4.2
Benzo(a)pyrene	3.9
Benzo(b)fluoranthene	3.2
Chrysene	4.3
Dibenzo(a,h)anthracene	0.43
Indeno(1,2,3-cd)pyrene	1.4
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Arsenic	24.5
Lead	87.4

SAMPLE ID	SB05_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Total SVOCs	NE
Pesticides (mg/kg)	
Total Pesticides	ND
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Lead	574
Zinc	280

SAMPLE ID	SB06_23-23.5
SAMPLE DEPTH (FEET BGS)	23-23.5
VOCs (mg/kg)	
Ethylbenzene	3.3
Methylene chloride	1.1
n-Propylbenzene	42
Xylenes, Total	0.59
SVOCs (mg/kg)	
Naphthalene	14
Pesticides (mg/kg)	
Total Pesticides	NA
PCBs (mg/kg)	
Aroclor 1254	NA
Metals (mg/kg)	
Mercury	0.31

SAMPLE ID	SB03_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(b)fluoranthene	1.1
Pesticides (mg/kg)	
Total Pesticides	NA
PCBs (mg/kg)	
Total PCBs	NA
Metals (mg/kg)	
Mercury	0.32

SAMPLE ID	SB04_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Total SVOCs	NE
Pesticides (mg/kg)	
Total Pesticides	NA
PCBs (mg/kg)	
Total PCBs	NA
Metals (mg/kg)	
Lead	365
Zinc	188

SAMPLE ID	SB13_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	63
1,3,5-Trimethylbenzene	23
Benzene	3.6
Ethylbenzene	26
n-Propylbenzene	7.7
Toluene	1.4
Xylenes, Total	110
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

SAMPLE ID	SB11_19.5-20
SAMPLE DEPTH (FEET BGS)	19.5-20
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	8.5
Benzene	0.085
Xylenes, Total	2.4
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

SAMPLE ID	SB08_23-24
SAMPLE DEPTH (FEET BGS)	23-24
VOCs (mg/kg)	
Benzene	0.11
SVOCs (mg/kg)	
Total SVOCs	NE
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Lead	691
Mercury	1
Zinc	112

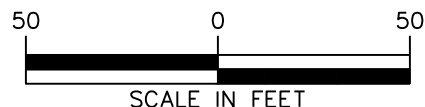
SAMPLE ID	SB07_0-2
SAMPLE DEPTH (FEET BGS)	0-2
VOCs (mg/kg)	
Acetone	0.08
SVOCs (mg/kg)	
Benzo(a)anthracene	1.9
Benzo(a)pyrene	1.6
Benzo(b)fluoranthene	2
Chrysene	1.9
Indeno(1,2,3-cd)pyrene	0.97
Pesticides (mg/kg)	
Total Pesticides	NE
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Lead	227

SAMPLE ID	SB09_0-2
SAMPLE DEPTH (FEET BGS)	0-2
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(b)fluoranthene	1.1
Indeno(1,2,3-cd)pyrene	0.54
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Copper	107
Lead	702
Mercury	0.8
Zinc	312

SAMPLE ID	SB12_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
Benzene	0.38
Xylenes, Total	0.51
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

	NYCRR Part 375 UU SCOs	NYCRR Part 375 RRU SCOs
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	3.6	52
1,3,5-Trimethylbenzene	8.4	52
Acetone	0.05	100
Benzene	0.06	4.8
Ethylbenzene	1	41
Methylene chloride	0.05	100
n-Propylbenzene	3.9	100
Naphthalene	12	100
Toluene	0.7	100
Xylenes, Total	0.26	100
SVOCs (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Naphthalene	12	100
Pesticides (mg/kg)		
4,4'-DDT	0.0033	7.9
Metals (mg/kg)		
Arsenic	13	16
Barium	350	400
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10000

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

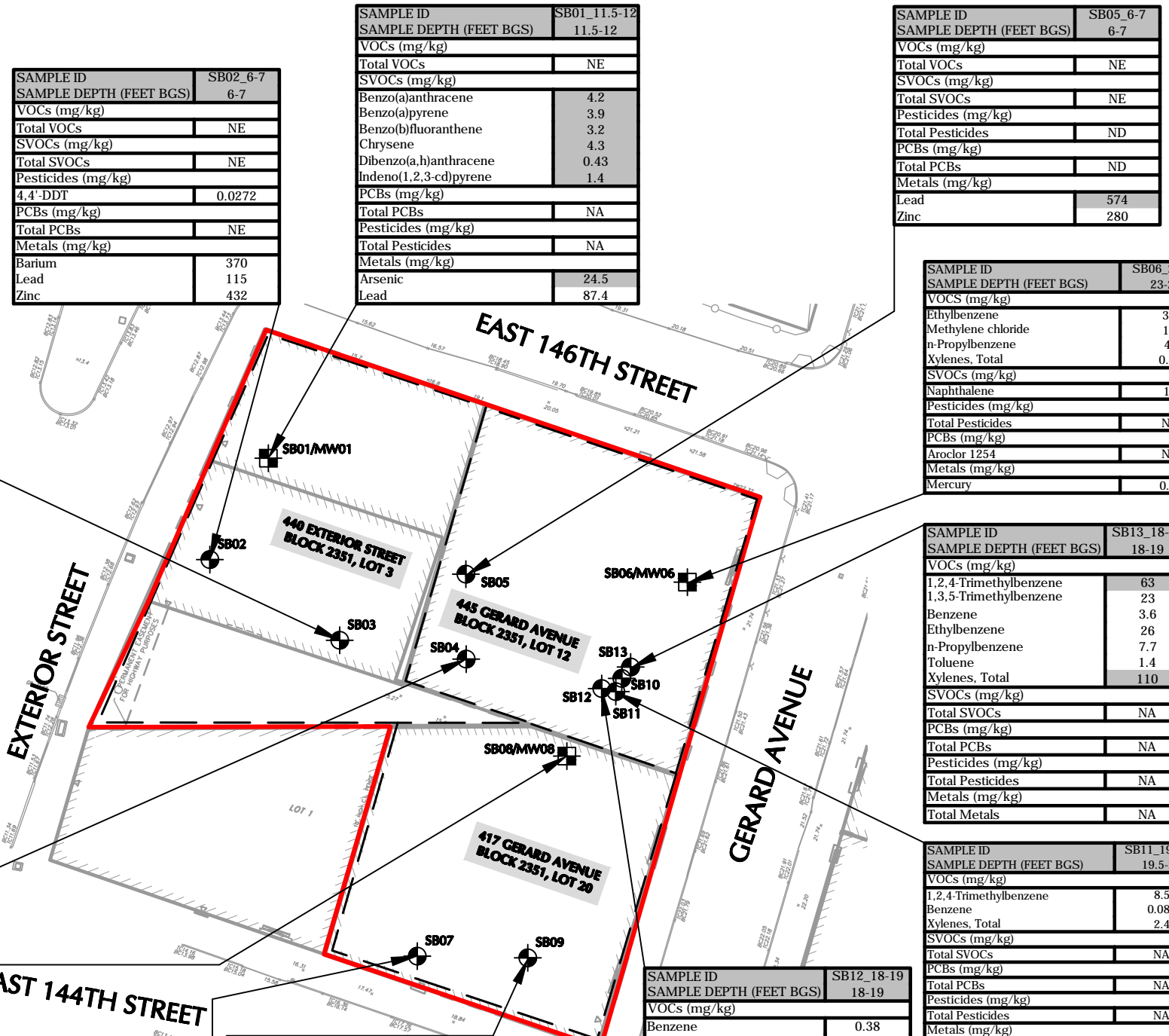


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 Langan Engineering and Environmental Services, Inc.
 Langan CT, Inc.
 Langan International LLC
 Collectively known as Langan

Project
GERARD AVENUE & EAST 146TH STREET
 BLOCK No. 2351, LOT Nos. 3,12, and 20
 BRONX NEW YORK

Figure Title
SOIL SAMPLE LOCATION AND RESULTS MAP

Project No. 170487001
 Date 9/12/2017
 Scale 1" = 50'
 Drawn By VZ Checked By MLR
 Submission Date
 Figure No. 1
 Sheet 1 of 3



SAMPLE ID	SB02_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	NE
Total VOCs	NE
SVOCs (mg/kg)	NE
Total SVOCs	NE
Pesticides (mg/kg)	NE
4,4'-DDT	0.0272
PCBs (mg/kg)	NE
Total PCBs	NE
Metals (mg/kg)	
Barium	370
Lead	115
Zinc	432

SAMPLE ID	SB01_11.5-12
SAMPLE DEPTH (FEET BGS)	11.5-12
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(a)anthracene	4.2
Benzo(a)pyrene	3.9
Benzo(b)fluoranthene	3.2
Chrysene	4.3
Dibenzo(a,h)anthracene	0.43
Indeno(1,2,3-cd)pyrene	1.4
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Arsenic	24.5
Lead	87.4

SAMPLE ID	SB05_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Total SVOCs	NE
Pesticides (mg/kg)	
Total Pesticides	ND
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Lead	574
Zinc	280

LEGEND:

- SITE BOUNDARY
- TAX LOT BOUNDARY
- SB03 SOIL BORING LOCATION (LANGAN, SEPTEMBER 2017)
- SB01/MW01 SOIL BORING AND MONITORING WELL LOCATION (LANGAN, SEPTEMBER 2017)

NOTES:

1. THE BASE MAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
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4. RESULTS EXCEEDING UU SCOs ARE BOLDED.
5. RESULTS EXCEEDING RRU SCOs ARE SHADED AND BOLDED.
6. VOCs = VOLATILE ORGANIC COMPOUNDS
7. SVOCs = SEMIVOLATILE ORGANIC COMPOUNDS
8. PCBs = POLYCHLORINATED BIPHENYLS
9. NA = NOT ANALYZED
10. ND = NOT DETECTED
11. NE = NO EXCEEDANCE
12. BGS = BELOW GRADE SURFACE
13. MG/KG = MILLIGRAM PER KILOGRAM

SAMPLE ID	SB03_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(b)fluoranthene	1.1
Pesticides (mg/kg)	
Total Pesticides	NA
PCBs (mg/kg)	
Total PCBs	NA
Metals (mg/kg)	
Mercury	0.32

SAMPLE ID	SB06_23-23.5
SAMPLE DEPTH (FEET BGS)	23-23.5
VOCs (mg/kg)	
Ethylbenzene	3.3
Methylene chloride	1.1
n-Propylbenzene	42
Xylenes, Total	0.59
SVOCs (mg/kg)	
Naphthalene	14
Pesticides (mg/kg)	
Total Pesticides	NA
PCBs (mg/kg)	
Aroclor 1254	NA
Metals (mg/kg)	
Mercury	0.31

SAMPLE ID	SB04_6-7
SAMPLE DEPTH (FEET BGS)	6-7
VOCs (mg/kg)	NE
Total VOCs	NE
SVOCs (mg/kg)	NE
Total SVOCs	NE
Pesticides (mg/kg)	NA
Total Pesticides	NA
PCBs (mg/kg)	NA
Total PCBs	NA
Metals (mg/kg)	
Lead	365
Zinc	188

SAMPLE ID	SB13_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	63
1,3,5-Trimethylbenzene	23
Benzene	3.6
Ethylbenzene	26
n-Propylbenzene	7.7
Toluene	1.4
Xylenes, Total	110
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

	NYCRR Part 375 UU SCOs	NYCRR Part 375 RRU SCOs
VOCs (mg/kg)		
1,2,4-Trimethylbenzene	3.6	52
1,3,5-Trimethylbenzene	8.4	52
Acetone	0.05	100
Benzene	0.06	4.8
Ethylbenzene	1	41
Methylene chloride	0.05	100
n-Propylbenzene	3.9	100
Naphthalene	12	100
Toluene	0.7	100
Xylenes, Total	0.26	100
SVOCs (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Naphthalene	12	100
Pesticides (mg/kg)		
4,4'-DDT	0.0033	7.9
Metals (mg/kg)		
Arsenic	13	16
Barium	350	400
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10000

SAMPLE ID	SB08_23-24
SAMPLE DEPTH (FEET BGS)	23-24
VOCs (mg/kg)	
Benzene	0.11
SVOCs (mg/kg)	
Total SVOCs	NE
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Lead	691
Mercury	1
Zinc	112

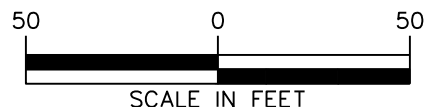
SAMPLE ID	SB07_0-2
SAMPLE DEPTH (FEET BGS)	0-2
VOCs (mg/kg)	
Acetone	0.08
SVOCs (mg/kg)	
Benzo(a)anthracene	1.9
Benzo(a)pyrene	1.6
Benzo(b)fluoranthene	2
Chrysene	1.9
Indeno(1,2,3-cd)pyrene	0.97
Pesticides (mg/kg)	
Total Pesticides	NE
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Lead	227

SAMPLE ID	SB09_0-2
SAMPLE DEPTH (FEET BGS)	0-2
VOCs (mg/kg)	
Total VOCs	NE
SVOCs (mg/kg)	
Benzo(b)fluoranthene	1.1
Indeno(1,2,3-cd)pyrene	0.54
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Copper	107
Lead	702
Mercury	0.8
Zinc	312

SAMPLE ID	SB12_18-19
SAMPLE DEPTH (FEET BGS)	18-19
VOCs (mg/kg)	
Benzene	0.38
Xylenes, Total	0.51
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

SAMPLE ID	SB11_19.5-20
SAMPLE DEPTH (FEET BGS)	19.5-20
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	8.5
Benzene	0.085
Xylenes, Total	2.4
SVOCs (mg/kg)	
Total SVOCs	NA
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Total Metals	NA

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 Langan CT, Inc.
 Langan International LLC
 Collectively known as Langan

Project
GERARD AVENUE & EAST 146TH STREET
 BLOCK No. 2351, LOT Nos. 3,12, and 20
 BRONX NEW YORK

Figure Title
SOIL SAMPLE LOCATION AND RESULTS MAP

Project No. 170487001
 Date 9/12/2017
 Scale 1" = 50'
 Drawn By VZ Checked By MLR
 Submission Date
 Figure No. 1
 Sheet 1 of 3

LOCATION	MW01_090717
SCREENED INTERVAL (FEET BGS)	9-19
VOCs (µg/L)	
1,2,4,5-Tetramethylbenzene	27
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	13
Benzene	56
Ethylbenzene	15
Isopropylbenzene	51
n-Propylbenzene	44
o-Xylene	76
p/m-Xylene	110
Toluene	21
SVOCs (µg/L)	
Acenaphthene	36
Benzo(a)anthracene	1.6
Benzo(a)pyrene	1.5
Benzo(b)fluoranthene	1.4
Benzo(k)fluoranthene	0.43
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	0.82
Naphthalene	240
PCBs (µg/L)	
Total PCBs	NA
Dissolved Metals (µg/L)	
Magnesium	43400
Sodium	285000
Total Metals (µg/L)	
Arsenic	54.38
Beryllium	3.92
Cadmium	7.3
Chromium	506.6
Iron	102000
Lead	2520
Magnesium	59100
Manganese	3211
Mercury	2.4
Nickel	264.5
Selenium	28.7
Sodium	310000
Thallium	0.56
Zinc	2126

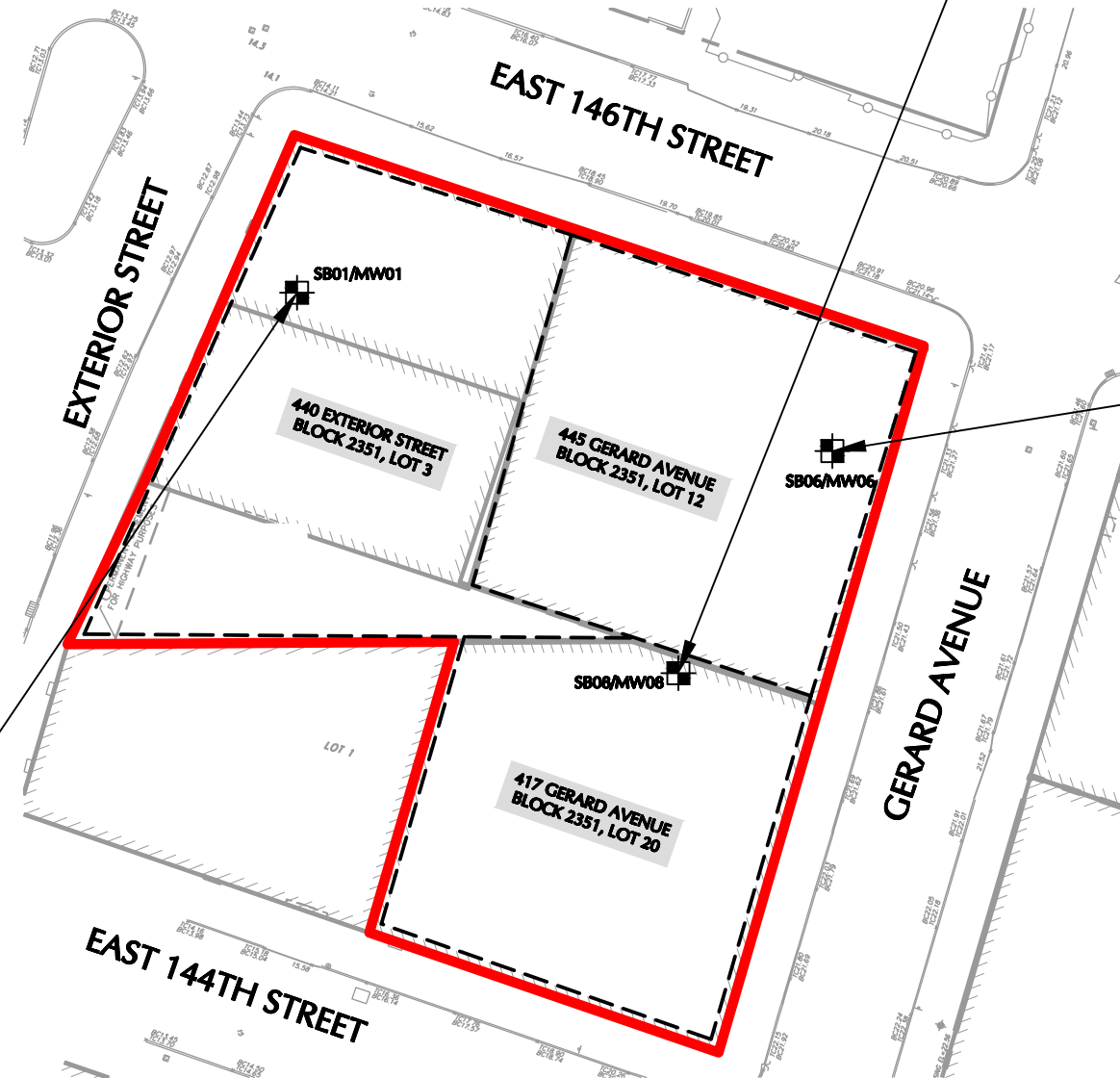
LOCATION	MW08_090817
SCREENED INTERVAL (FEET BGS)	17-27
VOCs (µg/L)	
sec-Butylbenzene	5.3
SVOCs (µg/L)	
Benzo(a)anthracene	0.13
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.07
Chrysene	0.12
Indeno(1,2,3-cd)pyrene	0.06
PCBs (µg/L)	
Total PCBs	ND
Dissolved Metals (µg/L)	
Total Dissolved Metals	NE
Total Metals (µg/L)	
Iron	922

LEGEND:

-  SITE BOUNDARY
-  TAX LOT BOUNDARY
-  SB06/MW06 SOIL BORING AND MONITORING WELL LOCATION (LANGAN, SEPTEMBER 2017)

NOTES:

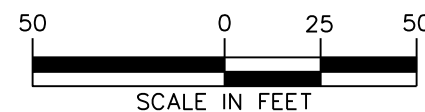
1. THE BASEMAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
2. TEMPORARY MONITORING WELL LOCATIONS ARE BASED ON FIELD MEASUREMENTS.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVs) FOR CLASS GA GROUNDWATER.
4. RESULTS EXCEEDING NYSDEC TOGS SGVs ARE SHADED AND BOLD
5. ND = NOT DETECTED
6. NE = NO EXCEEDANCE
7. NA = NOT ANALYZED
8. VOCs = VOLATILE ORGANIC COMPOUNDS
9. SVOCs = SEMIVOLATILE ORGANIC COMPOUNDS
10. PCBs = POLYCHLORINATED BIPHENYLS
11. BGS = BELOW GRADE SURFACE
12. µg/L = MICROGRAMS PER LITER



LOCATION	MW06_090817
SCREENED INTERVAL (FEET BGS)	14-24
VOCs (µg/L)	
1,2,4,5-Tetramethylbenzene	20
1,2,4-Trimethylbenzene	10
1,3,5-Trimethylbenzene	33
Benzene	5.4
Ethylbenzene	170
Isopropylbenzene	45
n-Propylbenzene	73
p/m-Xylene	16
SVOCs (µg/L)	
Benzo(a)anthracene	0.02
Benzo(b)fluoranthene	0.02
Naphthalene	43
PCBs (µg/L)	
Total PCBs	ND
Dissolved Metals (µg/L)	
Magnesium	80400
Manganese	4422
Sodium	382000
Total Metals (µg/L)	
Chromium	491.7
Iron	49400
Lead	57.87
Magnesium	79600
Manganese	5174
Nickel	234
Sodium	300000

NYSDEC TOGS SGVs	
VOCs (µg/L)	
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Benzene	1
Ethylbenzene	5
Isopropylbenzene	5
n-Propylbenzene	5
o-Xylene	5
p/m-Xylene	5
sec-Butylbenzene	5
Toluene	5
SVOCs (µg/L)	
Acenaphthene	20
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Dissolved/Total Metals (µg/L)	
Arsenic	25
Beryllium	3
Cadmium	5
Chromium	50
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Nickel	100
Selenium	10
Sodium	20000
Thallium	0.5
Zinc	2000

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Project
GERARD AVENUE & EAST 146TH STREET
 BLOCK No. 2351, LOT Nos. 3, 12, & 20
 BRONX NEW YORK

Figure Title
GROUNDWATER SAMPLE LOCATION AND RESULTS MAP

Project No. 170487001
 Date 9/12/2017
 Scale 1" = 50'
 Drawn By VZ Checked By MLR
 Submission Date
 Figure No. 2
 Sheet 2 of 3

SAMPLE ID	SV01_090717
SAMPLE DEPTH (FEET BGS)	9
VOCs ($\mu\text{g}/\text{m}^3$)	
1,3-Butadiene	25.4
2-Butanone	83.5
Benzene	141
Carbon disulfide	240
Cyclohexane	29.9
Heptane	3500
n-Hexane	6340
Tetrachloroethene	62.4
Toluene	50.1
Total VOCs	10472.3

SAMPLE ID	AA01_090717
VOCs ($\mu\text{g}/\text{m}^3$)	
2,2,4-Trimethylpentane	1.45
2-Butanone	1.86
Acetone	13.1
Benzene	1.02
Chloromethane	1.41
Dichlorodifluoromethane	1.42
Ethanol	16.3
Heptane	0.893
Isopropanol	1.68
Methylene chloride	1.94
n-Hexane	1.45
Tetrachloroethene	3.72
Toluene	4.52
Trichlorofluoromethane	1.36
Total VOCs	52.1

SAMPLE ID	SV08_090617
SAMPLE DEPTH (FEET BGS)	17
VOCs ($\mu\text{g}/\text{m}^3$)	
1,2,4-Trimethylbenzene	23.5
1,3,5-Trimethylbenzene	6.98
2,2,4-Trimethylpentane	41.2
2-Butanone	67.2
2-Hexanone	45.9
4-Ethyltoluene	5.06
Acetone	102
Benzene	4.06
Chloroform	4.11
Cyclohexane	10.4
Ethylbenzene	10.2
Heptane	19.7
n-Hexane	19
o-Xylene	18.2
p/m-Xylene	34.4
Styrene	3.73
Tertiary butyl Alcohol	66.1
Tetrachloroethene	9.9
Tetrahydrofuran	4.25
Toluene	34.3
Total VOCs	530.2

SAMPLE ID	SV06_090617
SAMPLE DEPTH (FEET BGS)	14
VOCs ($\mu\text{g}/\text{m}^3$)	
1,2,4-Trimethylbenzene	32.4
1,3,5-Trimethylbenzene	8.95
1,3-Butadiene	2.39
2-Butanone	83.2
4-Ethyltoluene	6.05
Acetone	111
Benzene	18.9
Carbon disulfide	62.9
Chloroform	8.01
Cyclohexane	516
Ethylbenzene	12.7
Heptane	525
Isopropanol	4.87
n-Hexane	930
o-Xylene	22.3
p/m-Xylene	42.7
Styrene	5.15
Tertiary butyl Alcohol	90.6
Tetrachloroethene	11.4
Toluene	46.4
Total VOCs	2540.9

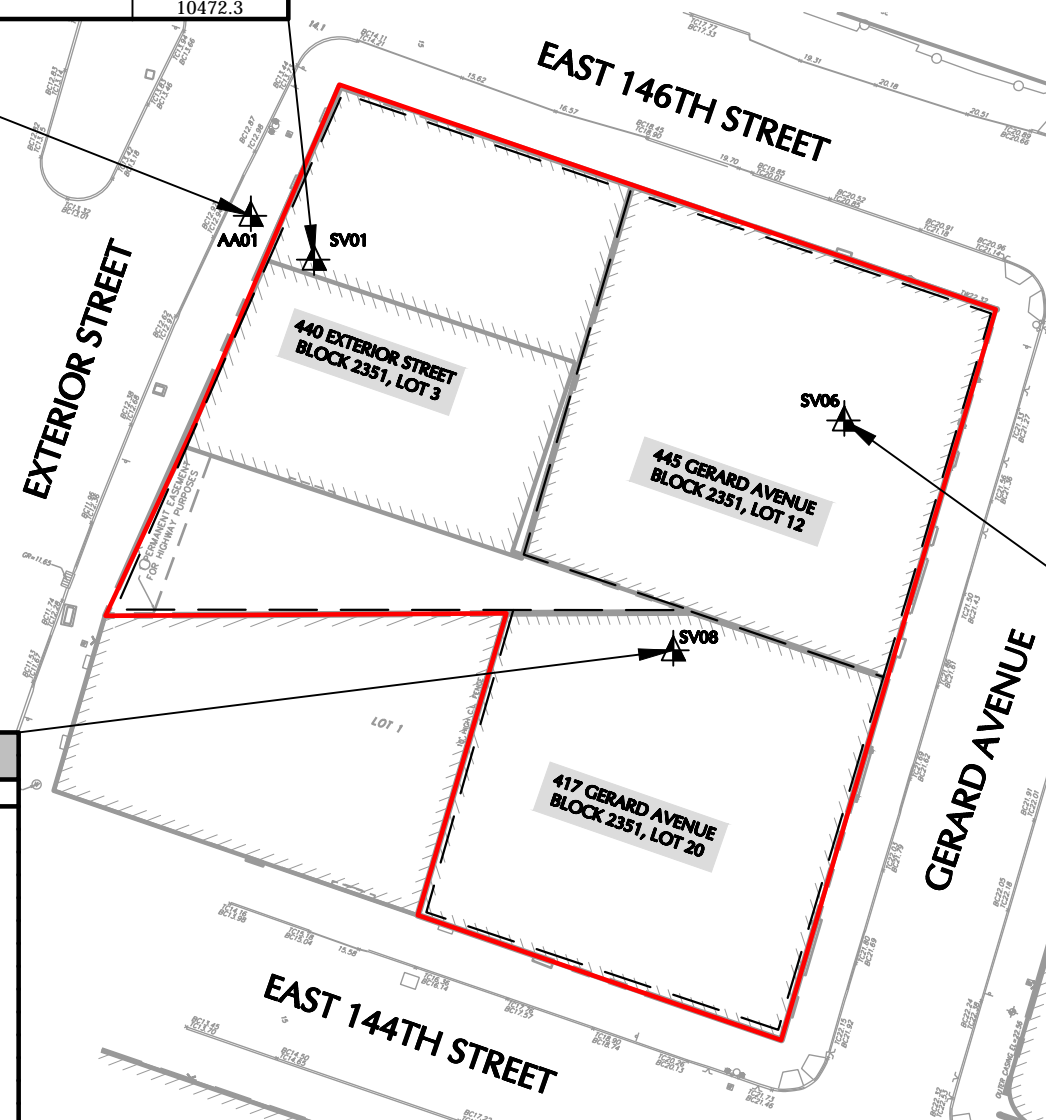
NYSDOH AGVs	
VOCs ($\mu\text{g}/\text{m}^3$)	
Tetrachloroethene	30

LEGEND:

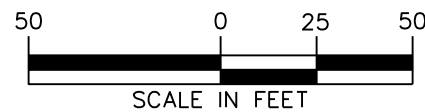
- SITE BOUNDARY
- - - TAX LOT BOUNDARY
- SOIL VAPOR SAMPLE LOCATION (LANGAN, SEPTEMBER 2017)
- AMBIENT AIR SAMPLE LOCATION (LANGAN, SEPTEMBER 2017)

NOTES:

- THE BASEMAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
- SOIL VAPOR SAMPLES ARE BASED ON FIELD MEASUREMENTS.
- AMBIENT AIR AND SOIL VAPOR SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) AIR GUIDELINE VALUES (AGVs).
- RESULTS EXCEEDING THE NYSDOH AGVs ARE SHADED AND BOLD.
- TOTAL VOCs IS THE SUM OF DETECTED VOCs.
- VOCs = VOLATILE ORGANIC COMPOUNDS
- BGS = BELOW GRADE SURFACE
- $\mu\text{g}/\text{m}^3$ = MICROGRAMS PER CUBIC METER



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Project
GERARD AVENUE & EAST 146TH STREET
 BLOCK No. 2351, LOT Nos. 3, 12, & 20
 BRONX NEW YORK

Figure Title
SOIL VAPOR SAMPLE LOCATION AND RESULTS MAP

Project No. 170487001	Figure No.
Date 9/12/2017	3
Scale 1" = 50'	
Drawn By VZ	
Checked By MLR	Sheet 3 of 3
Submission Date	

Tables

Table 1 - Soil Sample Analytical Results Summary - VOCs
Subsurface Investigation Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001

SAMPLE ID SAMPLING DATE LAB SAMPLE ID SAMPLE DEPTH (FEET BGS)	Part 375 UU SCOs	Part 375 RRU SCOs	SB01_11.5-12 9/7/2017 L1731603-02 11.5-12	SB02_6-7 9/7/2017 L1731603-03 6-7	SB03_18-19 9/7/2017 L1731603-04 18-19	SB04_6-7 9/5/2017 L1731335-01 6-7	SB05_6-7 9/6/2017 L1731335-09 6-7	SB06_23-23.5 9/6/2017 L1731335-07 23-23.5	SB07_0-2 9/5/2017 L1731335-04 0-2	SB08_23-24 9/5/2017 L1731335-02 23-24	SB09_0-2 9/5/2017 L1731144-01 0-2	SB11_19.5-20 9/22/2017 L1734010-01 19.5-20	SB12_18-19 9/22/2017 L1734010-02 18-19	SB13_18-19 9/22/2017 L1734010-03 18-19
Volatile Organic Compounds (mg/kg)														
1,1,1-Trichloroethane	0.68	100	0.00076 U	0.0014 U	0.001 J	0.00044 J	0.0012 U	0.6 U	0.00052 J	0.12 U	0.0013 J	0.069 U	0.086 U	0.67 U
1,2,4,5-Tetramethylbenzene	~	~	0.1	0.0057 U	0.00017 J	0.0038 U	0.0049 U	27	0.004 U	0.27 J	0.0071 U	2.2	0.5	5.6
1,2,4-Trimethylbenzene	3.6	52	0.022	0.0072 U	0.00039 J	0.0048 U	0.0061 U	3 U	0.005 U	0.16 J	0.0089 U	8.5	0.31 J	63
1,3,5-Trimethylbenzene	8.4	52	0.0016 J	0.0072 U	0.005 U	0.0048 U	0.0061 U	0.96 J	0.005 U	0.064 J	0.0089 U	3.1	0.07 J	23
2-Butanone	0.12	100	0.0076 U	0.014 U	0.0073 J	0.0096 U	0.012 U	6 U	0.004 J	1.2 U	0.018 U	<i>0.69</i> U	<i>0.86</i> U	6.7 U
Acetone	0.05	100	0.028	0.0045 J	0.039	0.01	0.007 J	6 U	0.08	1.2 U	0.026	<i>0.69</i> U	<i>0.86</i> U	6.7 U
Benzene	0.06	4.8	0.0011	0.0014 U	0.0051	0.00096 U	0.0012 U	0.6 U	0.001 U	0.11 J	0.0018 U	0.085	0.38	3.6
Bromomethane	~	~	0.0015 U	0.0029 U	0.002 U	0.0019 U	0.0024 U	1.2 U	0.002 U	0.081 J	0.0036 U	0.06 J	0.072 J	1.3 U
Carbon disulfide	~	~	0.0062 J	0.014 U	0.0021 J	0.0096 U	0.012 U	6 U	0.01 U	1.2 U	0.018 U	0.69 U	0.86 U	6.7 U
Ethylbenzene	1	41	0.034	0.0014 U	0.001 U	0.00096 U	0.0012 U	3.3	0.001 U	0.067 J	0.0018 U	0.99	0.12	26
Isopropylbenzene	~	~	0.089	0.0014 U	0.001 U	0.00096 U	0.0012 U	17	0.001 U	0.069 J	0.0018 U	0.51	0.29	3.7
Methyl tert butyl ether	0.93	100	0.0015 U	0.0029 U	0.002 U	0.0019 U	0.0024 U	1.2 U	0.00018 J	0.019 J	0.0036 U	0.14 U	0.019 J	1.3 U
Methylene chloride	0.05	100	0.0076 U	0.014 U	0.01 U	0.0096 U	0.012 U	1.1 J	0.01 U	1.2 U	0.018 U	<i>0.69</i> U	<i>0.86</i> U	6.7 U
n-Butylbenzene	12	100	0.033	0.0014 U	0.001 U	0.00096 U	0.0012 U	12	0.001 U	0.052 J	0.0018 U	0.94	0.13	2.8
n-Propylbenzene	3.9	100	0.08	0.0014 U	0.001 U	0.00096 U	0.0012 U	42	0.001 U	0.16	0.0018 U	1.5	0.86	7.7
o-Xylene	~	~	0.005	0.0029 U	0.00066 J	0.0019 U	0.0024 U	1.2 U	0.002 U	0.24 U	0.0036 U	0.3	0.073 J	26
p-Diethylbenzene	~	~	0.044	0.0057 U	0.004 U	0.0038 U	0.0049 U	7.1	0.004 U	0.48 U	0.0071 U	6.7	0.34 U	23
p-Ethyltoluene	~	~	0.11	0.0057 U	0.004 U	0.0038 U	0.0049 U	2.3 J	0.004 U	0.19 J	0.0071 U	3	0.16 J	45
p-Isopropyltoluene	~	~	0.013	0.0014 U	0.001 U	0.00096 U	0.0012 U	1.6	0.001 U	0.12 U	0.0018 U	0.31	0.023 J	3.6
p/m-Xylene	~	~	0.0033	0.0029 U	0.00042 J	0.0019 U	0.0024 U	0.59 J	0.002 U	0.21 J	0.0036 U	2.1	0.44	88
sec-Butylbenzene	11	100	0.02	0.0014 U	0.001 U	0.00096 U	0.0012 U	3.8	0.001 U	0.14	0.0018 U	0.32	0.12	2.1
Styrene	~	~	0.0012 J	0.0029 U	0.002 U	0.0019 U	0.0024 U	1.2 U	0.002 U	0.24 U	0.0036 U	0.14 U	0.17 U	1.3 U
tert-Butylbenzene	5.9	100	0.0011 J	0.0072 U	0.005 U	0.0048 U	0.0061 U	0.31 J	0.005 U	0.6 U	0.0089 U	0.029 J	0.43 U	0.24 J
Tetrachloroethene	1.3	19	0.00076 U	0.0023	0.001 U	0.00053 J	0.0012 U	0.6 U	0.001 U	0.12 U	0.0018 U	0.069 U	0.086 U	0.67 U
Toluene	0.7	100	0.0027	0.0022 U	0.00057 J	0.0014 U	0.00047 J	<i>0.91</i> U	0.0015 U	0.16 J	0.0027 U	0.037 J	0.18	1.4
Trichloroethene	0.47	21	0.0011	0.0016	0.0059	0.0038	0.0038	0.6 U	0.0035	0.12 U	0.013	0.069 U	0.086 U	0.67 U
Xylenes, Total	0.26	100	0.0083	0.0029 U	0.0011 J	0.0019 U	0.0024 U	0.59 J	0.002 U	0.21 J	0.0036 U	2.4	0.51 J	110

NOTES:

- Soil sample analytical results are compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and Restricted Use Restricted-Residential (RRU) Soil Cleanup Objectives (SCOs).
- Only analytes with detections are shown in the table.
- Results exceeding UU SCOs are bolded.
- Results exceeding RRU SCOs are shaded and bolded.
- Reporting limits (RL) above the UU SCOs are italicized.
- mg/kg = milligrams per kilogram
- ~ = no regulatory limit has been established for this analyte
- bgs = below grade surface

QUALIFIERS:

- J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Table 2- Soil Sample Analytical Results Summary - SVOCs, Pesticides, PCBs, and Metals
Subsurface Investigation Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001

SAMPLE ID SAMPLING DATE LAB SAMPLE ID SAMPLE DEPTH (FEET BGS)	Part 375 UU SCOs	Part 375 RRU SCOs	SB01_11.5-12 9/7/2017 L1731603-02 11.5-12	SB02_6-7 9/7/2017 L1731603-03 6-7	SB03_18-19 9/7/2017 L1731603-04 18-19	SB04_6-7 9/5/2017 L1731335-01 6-7
Semivolatile Organic Compounds (mg/kg)						
2-Methylnaphthalene	~	~	0.24	0.23 U	0.037 J	0.21 U
3-Methylphenol/4-Methylphenol	0.33	100	0.28 U	0.27 U	0.28 U	0.25 U
Acenaphthene	20	100	7.3	0.057 J	0.23	0.14 U
Acenaphthylene	100	100	3.6	0.15 U	0.054 J	0.14 U
Anthracene	100	100	5.3	0.12	0.42	0.1 U
Benzo(a)anthracene	1	1	4.2	0.35	0.94	0.061 J
Benzo(a)pyrene	1	1	3.9	0.29	0.86	0.054 J
Benzo(b)fluoranthene	1	1	3.2	0.4	1.1	0.069 J
Benzo(ghi)perylene	100	100	2.1	0.17	0.43	0.037 J
Benzo(k)fluoranthene	0.8	3.9	0.65	0.12	0.33	0.1 U
Biphenyl	~	~	0.25 J	0.43 U	0.45 U	0.4 U
Carbazole	~	~	0.34	0.039 J	0.11 J	0.18 U
Chrysene	1	3.9	4.3	0.32	0.92	0.06 J
Dibenzo(a,h)anthracene	0.33	0.33	0.43	0.047 J	0.11 J	0.1 U
Dibenzofuran	7	59	0.78	0.024 J	0.12 J	0.18 U
Fluoranthene	100	100	5.6	0.71	1.9	0.11
Fluorene	30	100	5.7	0.05 J	0.2	0.18 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	1.4	0.18	0.47	0.036 J
Naphthalene	12	100	1.6	0.033 J	0.12 J	0.18 U
Phenanthrene	100	100	7.3	0.52	1.5	0.065 J
Pyrene	100	100	12	0.56	1.7	0.11
Pesticides (mg/kg)						
4,4'-DDE	0.0033	8.9	NA	0.00291 PI	NA	NA
4,4'-DDT	0.0033	7.9	NA	0.0272	NA	NA
Chlordane	~	~	NA	0.017 PI	NA	NA
cis-Chlordane	0.094	4.2	NA	0.003	NA	NA
Endosulfan II	2.4	24	NA	0.00177 U	NA	NA
Heptachlor	0.042	2.1	NA	0.000963 P	NA	NA
trans-Chlordane	~	~	NA	0.00249 PI	NA	NA
Polychlorinated Biphenyls (mg/kg)						
Aroclor 1254	0.1	1	NA	0.00591 J	NA	NA
Aroclor 1260	0.1	1	NA	0.00904 J	NA	NA
PCBs, Total	~	~	NA	0.015 J	NA	NA
Metals (mg/kg)						
Aluminum	~	~	5510	3090	8770	6830
Antimony	~	~	4.63 U	0.338 J	4.72 U	4.29 U
Arsenic	13	16	24.5	7.66	3.21	3.92
Barium	350	400	63.3	370	79	176
Beryllium	7.2	72	0.24 J	0.268 J	0.632	0.249 J
Cadmium	2.5	4.3	0.204 J	0.511 J	0.529 J	0.352 J
Calcium	~	~	36000	24700	5950	20200
Chromium	~	~	11.5	11	18.6	13.6
Cobalt	~	~	4.93	4.89	9.97	4.95
Copper	50	270	22.9	38.4	32.5	43.5
Iron	~	~	11400	6920	22700	12800
Lead	63	400	87.4	115	56.4	365
Magnesium	~	~	2060	1300	4850	3580
Manganese	1600	2000	296	65.4	653	223
Mercury	0.18	0.81	0.17	0.08	0.32	0.13
Nickel	30	310	11.5	10.7	19.8	13.9
Potassium	~	~	1700	501	3590	950
Selenium	3.9	180	1.85 U	0.26 J	1.89 U	1.72 U
Sodium	~	~	681	266	195	368
Vanadium	~	~	14.9	24.7	26	18
Zinc	109	10000	37	432	66.3	188
Total Solids (%)						
Solids	~	~	84.5	87.2	83.6	92.2

NOTES:

- Soil sample analytical results are compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and Restricted Use Restricted Residential (RRU) Soil Cleanup Objectives (SCOs).
- Only analytes with detections are shown in the table.
- Results exceeding UU SCOs are bolded.
- Results exceeding RRU SCOs are shaded and bolded.
- Reporting limits (RL) above the UU SCOs are italicized.
- mg/kg = milligrams per kilogram
- ~ = no regulatory limit has been established for this analyte
- bgs = below grade surface
- NA = not analyzed

QUALIFIERS:

- J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
- U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
- P = The Relative Percent Difference (RPD) between the results for two columns exceeds the method-specified criteria
- I = The lower value for the two columns has been reported due to obvious interference.

Table 2- Soil Sample Analytical Results Summary - SVOCs, Pesticides, PCBs, and Metals
Subsurface Investigation Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001

SAMPLE ID SAMPLING DATE LAB SAMPLE ID SAMPLE DEPTH (FEET BGS)	Part 375 UU SCOs	Part 375 RRU SCOs	SB05_6-7 9/6/2017 L1731335-09 6-7	SB06_23-23.5 9/6/2017 L1731335-07 23-23.5	SB07_0-2 9/5/2017 L1731335-04 0-2	SB08_23-24 9/5/2017 L1731335-02 23-24	SB09_0-2 9/5/2017 L1731144-01 0-2
Semivolatile Organic Compounds (mg/kg)							
2-Methylnaphthalene	~	~	0.23 U	7.3	0.11 J	0.32 U	0.086 J
3-Methylphenol/4-Methylphenol	0.33	100	0.27 U	0.27 U	0.25 U	0.16 J	0.35 U
Acenaphthene	20	100	0.15 U	0.15 U	0.27 U	0.21 U	0.19
Acenaphthylene	100	100	0.15 U	0.15 U	0.059 J	0.21 U	0.054 J
Anthracene	100	100	0.11 U	0.11 U	0.71	0.16 U	0.44
Benzo(a)anthracene	1	1	0.11 U	0.11 U	1.9	0.076 J	0.9
Benzo(a)pyrene	1	1	0.15 U	0.15 U	1.6	0.1 J	0.86
Benzo(b)fluoranthene	1	1	0.11 U	0.11 U	2	0.093 J	1.1
Benzo(ghi)perylene	100	100	0.15 U	0.15 U	0.91	0.07 J	0.49
Benzo(k)fluoranthene	0.8	3.9	0.11 U	0.11 U	0.6	0.16 U	0.38
Biphenyl	~	~	0.43 U	0.19 J	0.4 U	0.6 U	0.55 U
Carbazole	~	~	0.19 U	0.19 U	0.3	0.26 U	0.2 J
Chrysene	1	3.9	0.11 U	0.11 U	1.9	0.072 J	0.85
Dibenzo(a,h)anthracene	0.33	0.33	0.11 U	0.11 U	0.22	0.16 U	0.11 J
Dibenzofuran	7	59	0.19 U	0.19 U	0.16 J	0.26 U	0.17 J
Fluoranthene	100	100	0.023 J	0.11 U	4.4	0.13 J	2
Fluorene	30	100	0.19 U	0.045 J	0.23	0.26 U	0.18 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.15 U	0.15 U	0.97	0.057 J	0.54
Naphthalene	12	100	0.19 U	14	0.19	0.077 J	0.17 J
Phenanthrene	100	100	0.11 U	0.037 J	3.8	0.054 J	1.8
Pyrene	100	100	0.02 J	0.11 U	4.4	0.17	1.7
Pesticides (mg/kg)							
4,4'-DDE	0.0033	8.9	0.00175 U	NA	0.00165 U	NA	NA
4,4'-DDT	0.0033	7.9	0.00329 U	NA	0.0031 U	NA	NA
Chlordane	~	~	0.0142 U	NA	0.0134 U	NA	NA
cis-Chlordane	0.094	4.2	0.00219 U	NA	0.00206 U	NA	NA
Endosulfan II	2.4	24	0.00175 U	NA	0.00339 PI	NA	NA
Heptachlor	0.042	2.1	0.000876 U	NA	0.000825 U	NA	NA
trans-Chlordane	~	~	0.00219 U	NA	0.00206 U	NA	NA
Polychlorinated Biphenyls (mg/kg)							
Aroclor 1254	0.1	1	0.0377 U	NA	0.0357 U	NA	NA
Aroclor 1260	0.1	1	0.0377 U	NA	0.0357 U	NA	NA
PCBs, Total	~	~	0.0377 U	NA	0.0357 U	NA	NA
Metals (mg/kg)							
Aluminum	~	~	5800	5700	7330	7710	7090
Antimony	~	~	4.49 U	4.53 U	0.398 J	6.15 U	1.29 J
Arsenic	13	16	6.02	0.48 J	5.18	4.87	6.95
Barium	350	400	251	12.8	50.7	87	280
Beryllium	7.2	72	0.224 J	0.263 J	0.337 J	0.344 J	0.413 J
Cadmium	2.5	4.3	0.314 J	0.263 J	0.735 J	0.529 J	1.15 U
Calcium	~	~	86800	498	937	6610	62900
Chromium	~	~	10.2	8.73	11.9	15.8	16.8
Cobalt	~	~	3.99	4.52	5.64	5.92	4.87
Copper	50	270	15.5	8.94	20.6	40.3	107
Iron	~	~	7960	11200	24300	16600	12400
Lead	63	400	574	11.5	227	691	702
Magnesium	~	~	3160	2050	2210	3490	7800
Manganese	1600	2000	249	120	318	171	250
Mercury	0.18	0.81	0.07 U	0.31	0.11	1	0.8
Nickel	30	310	9.1	8.75	11.8	12.5	11.6
Potassium	~	~	672	493	542	1240	1440
Selenium	3.9	180	2.52	1.81 U	1.73 U	2.46 U	0.597 J
Sodium	~	~	274	102 J	81.5 J	157 J	428
Vanadium	~	~	14.1	13.2	16.3	17.3	17.3
Zinc	109	10000	280	19.4	84.5	112	312
Total Solids (%)							
Solids	~	~	86.6	86.4	91.9	62.4	68.3

NOTES:

- Soil sample analytical results are compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and Restricted Use Restricted Residential (RRU) Soil Cleanup Objectives (SCOs).
- Only analytes with detections are shown in the table.
- Results exceeding UU SCOs are bolded.
- Results exceeding RRU SCOs are shaded and bolded.
- Reporting limits (RL) above the UU SCOs are italicized.
- mg/kg = milligrams per kilogram
- ~ = no regulatory limit has been established for this analyte
- bgs = below grade surface
- NA = not analyzed

QUALIFIERS:

- J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
P = The Relative Percent Difference (RPD) between the results for two columns exceeds the method-specified criteria
I = The lower value for the two columns has been reported due to obvious interference.

Table 3 - Groundwater Sample Analytical Results Summary
Subsurface Investigation Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001

LOCATION SAMPLING DATE LAB SAMPLE ID SCREENED INTERVAL (FEET BGS)	NYSDEC TOGS SGVs	MW01_090717 9/7/2017 L1731603-06 9-19	MW06_090817 9/8/2017 L1731771-02 14-24	MW08_090817 9/8/2017 L1731771-01 17-27
Volatile Organic Compound (µg/L)				
1,2,4,5-Tetramethylbenzene	5	27	20	0.85 J
1,2,4-Trimethylbenzene	5	96	10	2.5 U
1,3,5-Trimethylbenzene	5	13	33	2.5 U
Acetone	50	5 U	18	5 U
Benzene	1	56	5.4	0.5 U
Carbon disulfide	60	1.1 J	10 U	5 U
Ethylbenzene	5	15	170	2.5 U
Isopropylbenzene	5	51	45	4.6
n-Butylbenzene	5	5	3.8 J	1.2 J
n-Propylbenzene	5	44	73	3.3
o-Xylene	5	76	2.4 J	2.5 U
p-Diethylbenzene	~	11	19	7.6
p-Ethyltoluene	~	47	14	2 U
p-Isopropyltoluene	5	2.8	5 U	2.5 U
p/m-Xylene	5	110	16	2.5 U
sec-Butylbenzene	5	4.4	2.6 J	5.3
Tetrachloroethene	5	0.25 J	1 U	0.5 U
Toluene	5	21	1.8 J	2.5 U
Xylenes, Total	~	190	18 J	2.5 U
Semivolatile Organic Compounds (µg/L)				
Carbazole	~	9.2	1.9 U	1.9 U
Dibenzofuran	~	2	1.9 U	1.9 U
2-Methylnaphthalene	~	2	14	0.33
Acenaphthene	20	36	0.09 J	0.31
Acenaphthylene	~	2.3	0.1 U	0.11 U
Anthracene	50	4.5	0.1 U	0.07 J
Benzo(a)anthracene	0.002	1.6	0.02 J	0.13
Benzo(a)pyrene	0	1.5	0.1 U	0.11
Benzo(b)fluoranthene	0.002	1.4	0.02 J	0.18
Benzo(ghi)perylene	~	1	0.1 U	0.06 J
Benzo(k)fluoranthene	0.002	0.43	0.1 U	0.07 J
Chrysene	0.002	1.6	0.1 U	0.12
Dibenzo(a,h)anthracene	~	0.24	0.1 U	0.11 U
Fluoranthene	50	4.5	0.04 J	0.46
Fluorene	50	14	0.04 J	0.06 J
Indeno(1,2,3-cd)pyrene	0.002	0.82	0.1 U	0.06 J
Naphthalene	10	240	43	0.24
Phenanthrene	50	7.7	0.07 J	0.15
Pyrene	50	6.9	0.04 J	0.41
Polychlorinated Biphenyls (µg/L)				
Total PCBs		NA	ND	ND
Dissolved Metals (µg/L)				
Aluminum	~	38.8	10 U	33.2
Antimony	3	1.7 J	1.58 J	1.48 J
Arsenic	25	2.02	1.13	0.67
Barium	1000	229.3	279.4	12.6
Calcium	~	214000	250000	42100
Chromium	50	0.21 J	0.58 J	0.75 J
Cobalt	~	0.98	2.3	0.22 J
Copper	200	2.34	1 U	9.8
Iron	300	79.8	37.8 J	37.3 J
Lead	25	1.39	2.2	0.71 J
Magnesium	35000	43400	80400	8500
Manganese	300	20.43	4422	55.84
Nickel	100	4.99	13	1.87 J
Potassium	~	21800	12700	5190
Sodium	20000	285000	382000	18200
Vanadium	~	3.18 J	5 U	3.18 J
Zinc	2000	5.46 J	3.47 J	7.97 J
Total Metals (µg/L)				
Aluminum	~	29200	11200	372
Antimony	3	1.59 J	1.8 J	1.27 J
Arsenic	25	54.38	8.1	0.99
Barium	1000	942.5	499.6	15.48
Beryllium	3	3.92	0.84	0.5 U
Cadmium	5	7.3	0.16 J	0.2 U
Calcium	~	485000	230000	54800
Chromium	50	506.6	491.7	4.96
Cobalt	~	47.86	13.32	0.53 J
Copper	200	113	60.81	28.46
Iron	300	102000	49400	922
Lead	25	2520	57.87	22.85
Magnesium	35000	59100	79600	9180
Manganese	300	3211	5174	75.77
Mercury	0.7	2.4	0.2 U	0.2 U
Nickel	100	264.5	234	4.67
Potassium	~	30600	12300	5580
Selenium	10	28.7	2.43 J	5 U
Silver	50	5.61	0.4 U	0.4 U
Sodium	20000	310000	300000	19100
Thallium	0.5	0.56	0.5 U	0.5 U
Vanadium	~	177.4	30.03	4.14 J
Zinc	2000	2126	53.9	21.79

Notes:

- Groundwater sample analytical results are compared to New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Groundwater.
- Only analytes with detections are shown in the table.
- Results exceeding NYSDEC TOGS SGVs are shaded and bolded.
- µg/L= micrograms per liter
- bgs = below grade surface
- ~ = no regulatory limit has been established for this analyte
- NA = not analyzed
- ND = not detected

Qualifiers:

J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Table 4 - Soil Vapor Sample Analytical Results Summary
Subsurface Investigation Report
Gerard Avenue and East 146th Street
Bronx, New York
Langan Project No.: 170487001

SAMPLE ID SAMPLING DATE LAB SAMPLE ID SAMPLING MATRIX	NYSDOH AGVs	AA01_090716 9/7/2017 L1731622-02 Ambient Air	SV01_090716 9/7/2017 L1731622-01 Soil Vapor	SV06_090617 9/6/2017 L1731370-01 Soil Vapor	SV08_090617 9/6/2017 L1731370-02 Soil Vapor
VOCs ($\mu\text{g}/\text{m}^3$)					
1,1,1-Trichloroethane	~	1.09 U	21.8 U	3.64 U	2.73 U
1,2,4-Trimethylbenzene	~	0.983 U	19.7 U	32.4	23.5
1,3,5-Trimethylbenzene	~	0.983 U	19.7 U	8.95	6.98
1,3-Butadiene	~	0.442 U	25.4	2.39	1.11 U
2,2,4-Trimethylpentane	~	1.45	18.7 U	3.12 U	41.2
2-Butanone	~	1.86	83.5	83.2	67.2
2-Hexanone	~	0.82 U	16.4 U	2.73 U	45.9
4-Ethyltoluene	~	0.983 U	19.7 U	6.05	5.06
Acetone	~	13.1	47.5 U	111	102
Benzene	~	1.02	141	18.9	4.06
Carbon disulfide	~	0.623 U	240	62.9	1.56 U
Carbon tetrachloride	~	1.26 U	25.2 U	4.2 U	3.15 U
Chloroform	~	0.977 U	19.5 U	8.01	4.11
Chloromethane	~	1.41	8.26 U	1.38 U	1.03 U
cis-1,2-Dichloroethene	~	0.793 U	15.9 U	2.64 U	1.98 U
Cyclohexane	~	0.688 U	29.9	516	10.4
Dichlorodifluoromethane	~	1.42	19.8 U	3.3 U	2.47 U
Ethanol	~	16.3	188 U	31.5 U	23.6 U
Ethylbenzene	~	0.869 U	17.4 U	12.7	10.2
Heptane	~	0.893	3500	525	19.7
Isopropanol	~	1.68	24.6 U	4.87	3.07 U
Methylene chloride	60	1.94	34.7 U	5.8 U	4.34 U
n-Hexane	~	1.45	6340	930	19
o-Xylene	~	0.869 U	17.4 U	22.3	18.2
p/m-Xylene	~	1.74 U	34.7 U	42.7	34.4
Styrene	~	0.852 U	17 U	5.15	3.73
Tertiary butyl Alcohol	~	1.52 U	30.3 U	90.6	66.1
Tetrachloroethene	30	3.72	62.4	11.4	9.9
Tetrahydrofuran	~	1.47 U	29.5 U	4.93 U	4.25
Toluene	~	4.52	50.1	46.4	34.3
Trichloroethene	2	1.07 U	21.5 U	3.58 U	2.69 U
Trichlorofluoromethane	~	1.36	22.5 U	3.75 U	2.81 U
Vinyl chloride	~	0.511 U	10.2 U	1.71 U	1.28 U
Total VOCs	~	52.1	10472.3	2540.9	530.2

Notes:

1. Ambient air sample and soil vapor analytical results are compared to New York State Department of Health (NYSDOH) Air Guideline Values (AGVs).
2. Only analytes with detections and the eight NYSDOH decision matrix analytes are shown in the table.
3. Results exceeding NYSDOH AGVs are shaded and bolded.
4. Reporting limits (RL) above the NYSDOH AGVs are italicized.
5. Total VOCs is the sum of detected VOCs.
6. VOCs = volatile organic compounds
7. $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed
8. ~ = no regulatory limit has been established for this analyte

Qualifiers:

U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Attachment 1
Soil Boring Logs

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/7/17		Date Finished 9/7/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples Disturbed NA		Undisturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First ∇ 11.5		Completion ∇ NA	24 HR. ∇ NA
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Adam Hutchinson			
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	Recov. (in)	Penetr. resist	BL/Join		PID Reading (ppm)
X	R1 (0-24") loose, brown, fine SAND, trace fine gravel, coal, coal ash, slag, concrete, (dry), [FILL]	0						0.1	Collect grab sample SB01_11.5-12 @ 0950
		1						0.1	
		2	1	MACROCORE	24/48	NA		0.0	
		3						0.0	
	R2 (0-48") loose, banded [black, white, brown, black], fine SAND, trace fine gravel, concrete, coal, coal ash, coal slag, (dry), [FILL]	4						0.1	
		5						0.1	
		6	2	MACROCORE	48/48	NA		0.0	
		7						0.0	
	R3a (0-14") medium dense, brown, fine SAND, trace fine gravel, coal, slag, (dry), [FILL] R3b (14-24") loose, black, fine SAND, some fine gravel, brick, coal, (moist), [FILL]	8						0.0	
		9						0.0	
		10	3	MACROCORE	24/48	NA		1.2	
		11						1.1	
	R4 (0-12") loose, black, fine SAND, trace silt, brick, coal, trace fine gravel, (moist) [FILL]	12						2.1	
		13						6.2	
		14	4	MACROCORE	12/48	NA		62.6	
		15						3.0	
	R5a (0-30") loose, gray, fine SAND, some fine gravel, (wet), [FINE SAND] R5b (30-36") loose, black, fine SAND, coal, (wet), [FILL]	16						1.9	
		17						6.1	
		18	5	MACROCORE	36/48	NA		4.9	
		19						5.1	
		20					4.8		
							20.8		

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Log of Boring

SB01

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of

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Project		Project No.					
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001					
Location		Elevation and Datum					
Bronx, NY		NA					
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/6in	
	R6a (0-24") loose, black, fine SAND, trace fine gravel, (wet), [FINE SAND]	20	6	MACROCORE	24/48	NA	14.1
		21					0.6
	R6b (24-48") dense, gray, organic CLAY, trace silt (moist) [CLAY]	22					0.4
		23					0.2
		24					0.8
		25					0.8
		26					0.8
		27					1.1
		28					
		29					
		30					
		31					
		32					
		33					
		34					
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Background PID levels: 0.9 ppm to 1.1 ppm
EOB @ 24', temp well installed
Screened from 9-19
T.O.C ~ 1 foot above grade

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/7/17		Date Finished 9/7/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples NA		Disturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 12		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Adam Hutchinson	
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/Join		
	4-inch concrete slab	0						
	R1 (0-15") loose, brown, fine SAND, trace fine gravel, brick, concrete, glass, (dry), [FILL]	1	1	MACROCORE	15/48	NA	0.0	Collect grab sample SB02_6-7 @ 1535
		2					0.0	
		3					0.0	
		4						
	R2 (0-20") loose, brown, fine SAND, trace fine gravel, brick, glass, coal, coal slag, coal ash, (dry), [FILL]	5	2	MACROCORE	20/48	NA		
		6					0.5	
		7					0.0	
		8					0.1	
	R3a (0-8") loose, brown, fine SAND, trace fine gravel, brick, (dry), [FILL]	9	3	MACROCORE	24/48	NA		
	R3b (8-10") loose, white, fine GRAVEL, trace fine sand, (possible cobble), (dry), [FILL]	10					0.0	
	R3c (10-24") medium dense, dark brown, fine SAND, trace fine gravel, coal, coal ash, (moist), [FILL]	11					0.0	
		12					0.0	
		13						
	R4a (0-6") medium dense, brown, fine SAND, trace silt, brick, (moist), [FILL]	14	4	MACROCORE	18/48	NA		
	R4b (6-18") medium dense, mottled brown over black, fine SAND, some silt, (moist), [FINE SAND]	15					3.2	
		16					3.2	
		17					3.4	
		18	5	MACROCORE	12/48	NA		
		19						
	R5 (0-12") medium dense, mottled brown over black, fine SAND, some silt, (moist), [FINE SAND]	20					4.5	

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SB02

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Project		Project No.						
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001						
Location		Elevation and Datum						
Bronx, NY		NA						
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID Reading (ppm)
R6 NO RECOVERY		20					0.0	No recovery - soil in liner is caved-in fill EOB @ 24' borehole backfilled with #2 sand & capped with concrete
		21						
		22	6	MACROCORE	0/48	NA	1.7	
		23					4.3	
		24					0.8	
		25					0.4	
		26					0.4	
		27						
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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/7/17		Date Finished 9/7/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples Disturbed NA		Undisturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First ∇ 12		Completion ∇ NA	24 HR. ∇ NA
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Adam Hutchinson			
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	BL/Join	
	4-inch concrete slab	0						
	R1 (0-24") loose, brown, fine SAND, brick, concrete, coal ash, glass, (dry), [FILL]	1	1	MACROCORE	24/48	NA		
		2					0.0	
		3					0.0	
		4					0.0	
	R2 (0-36") loose, brown, fine SAND, trace silt, brick, coal, coal ash, slag, (dry), [FILL]	5	2	MACROCORE	36/48	NA		
		6					0.2	Collect grab sample SB03_5-6
		7					0.2	
		8					0.1	
		9					0.0	
	R3a (0-18") loose, red, BRICK, some fine SAND, coal, coal ash, (dry), [FILL]	10	3	MACROCORE	45/48	NA		
	R3b (18-21") loose, brown, fine SAND, coal, coal ash, (dry), [FILL]	11					0.1	
	R3c (21-45") dense, gray, silty CLAY, (moist) [FILL]	12					0.1	
		13					0.2	
		14					0.2	
	R4 (0-24") medium dense, gray, fine SAND, trace silt, trace fine gravel, (moist), [FILL]	15	4	MACROCORE	24/48	NA		
		16					0.4	
		17					0.2	
	R5a (0-12") medium dense, brown, fine SAND, trace silt, trace fine gravel, (moist), [FILL]	18	5	MACROCORE	40/48	NA		
	R5b (12-26") medium dense, black, fine SAND, brick, coal, (moist), [FILL]	19					246	Collect grab sample SB03_18-19
		20					50	
	R5c (26-40") medium dense, gray, silty CLAY, trace fine SAND (moist), [CLAY]						0.7	
							0.4	

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SB03

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Project		Project No.					
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001					
Location		Elevation and Datum					
Bronx, NY		NA					
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/6in	
[Patterned]	R6a (0-45") loose, mottled gray over black, medium SAND, trace clay, trace silt, trace fine sand, (wet), [SAND] R6b (45-48") medium dense, reddish-brown, silty fine SAND, (moist), [SAND]	20	6	MACROCORE	48/48	NA	0.8
		21					0.7
		22					0.7
		23					0.7
		24					0.8
		25					0.7
		26					0.4
		27					0.0
		28					
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EOB @ 24' borehole backfilled with #2 sand & capped with concrete

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/5/17		Date Finished 9/5/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples Disturbed NA		Undisturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First ∇ 19		Completion ∇ NA	24 HR. ∇ NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Adam Hutchinson	
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	BL/Join	
	4-inch concrete slab	0						
	R1 (0-15") loose, brown, fine SAND, brick, concrete, coal, (dry), [FILL]	1	1	MACROCORE	15/48	NA		0.3
		2						0.3
		3						0.3
		4						
		5						
	R2 (0-20") loose, brown, fine SAND, trace fine gravel, brick, coal, (dry), [FILL]	6	2	MACROCORE	20/48	NA		0.3
		7						0.3
		8						0.3
		9						0.3
	R3a (0-18") loose, brown, fine SAND, trace silt, (dry), [FILL]	10	3	MACROCORE	21/48	NA		0.3
	R3b (18-21") loose, black, fine GRAVEL, trace fine SAND, coal, slag, (dry), [FILL]	11						0.3
		12						0.3
		13						
	R4a (0-16") medium dense, light brown, fine SAND, trace fine gravel, brick, glass, slag, (dry), [FILL]	14	4	MACROCORE	32/48	NA		0.3
		15						0.3
	R4b (16-32") medium dense, brown, fine SAND, some medium sand, trace silt, trace fine gravel, (dry), [SAND]	16						0.3
		17						0.3
		18						0.3
		19	5	MACROCORE	8/48	NA		0.3
		20						0.3
	R5 (0-8") loose, brown, fine SAND, trace silt, trace fine gravel,							

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SB04

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Project		Project No.				
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001				
Location		Elevation and Datum				
Bronx, NY		NA				
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data			Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	PID Reading (ppm)	
	(moist), [SAND]	20	6	MACROCORE	10/48	NA
		21				
	R6 (0-10") dense, gray, organic silty CLAY, trace fine sand, (moist), [CLAY]	22				
		23				0.3
		24				0.3
		25				
		26				
		27				
		28				
		29				
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EOB @ 24' Borehole backfilled with soil cuttings to surface grade

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/6/17		Date Finished 9/6/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 20 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples Disturbed NA		Undisturbed 5	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First ∇ 18		Completion ∇ NA	24 HR. ∇ NA
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Adam Hutchinson			
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/Join	PID Reading (ppm)	
	4-inch concrete slab	0						
	R1 (0-8") loose, dark brown, fine SAND, brick, coal, glass, (dry), [FILL]	1	1	MACROCORE	8/48	NA		
	R2 (0-26") loose, brown, fine SAND, brick, coal, concrete, glass, (dry), [FILL]	6	2	MACROCORE	26/48	NA		
	R3a (0-12") loose, brown, fine SAND, trace silt, (dry), [FILL]	10	3	MACROCORE	20/48	NA		
	R3b (12-20") loose, dark gray, fine SAND, coal, coal ash, (dry), [FILL]	11					0.8	Background PID levels: 0.7 ppm to 0.9 ppm Collect grab sample SB05_6-7 @ 1300
	R4a (0-11") loose, dark brown, fine SAND, coal, coal ash, glass, brick, concrete, (dry), [FILL]	14	4	MACROCORE	18/48	NA	0.8	
	R4b (11-18") medium dense, brown, fine SAND, trace silt, trace fine gravel, (dry), [SAND]	15					0.8	
	R5a (0-5") medium dense, brown, fine SAND, some fine gravel, (moist), [SAND]	18	5	MACROCORE	24/48	NA	0.8	
	R5b (5-10") medium dense, off-white, fine SAND, trace fine gravel, (moist), [SAND]	19					0.8	
	R5c (10-24") medium dense, brown, fine SAND, trace silt, trace fine gravel, (moist), [SAND]	20					0.8	EOB @ 20' Borehole backfilled with soil cuttings to surface grade

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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001				
Location Bronx, NY				Elevation and Datum NA				
Drilling Company AARCO Environmental Services Corp.				Date Started 9/6/17		Date Finished 9/6/17		
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA		
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples		Disturbed NA	Undisturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 16		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Adam Hutchinson				
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist B/Loin		
	4-inch concrete slab	0						
	R1 (0-16") loose, brown, fine SAND, coal, coal ash, (dry), [FILL]	1	1	MACROCORE	16/48	NA	0.5 0.6 0.7	
	R2a (0-13") loose, brown, fine SAND, trace silt, trace fine GRAVEL, (dry), [FILL]	6	2	MACROCORE	28/48	NA	1.6	
	R2b (13-15") loose, white, fine GRAVEL, trace fine SAND (possible cobble), (dry), [FILL]	7					1.3	
	R2c (15-28") loose, brown, fine SAND, trace silt, trace fine gravel, (dry) [FILL]	8					0.8	
	R3a (0-12") loose, gray, fine GRAVEL, some fine sand, (dry), [FILL]	10	3	MACROCORE	24/48	NA	1.3	Collect grab sample SB06_10-11
	R3b (12-24") medium dense, brown, fine SAND, trace silt, coal, coal ash, (dry), [FILL]	11					0.9	
	R4a (0-12") loose, brown, fine SAND, trace silt, trace coarse gravel, coal, coal ash, (dry), [FILL]	14	4	MACROCORE	28/48	NA	0.8 0.8	Collect grab sample SB06_11-12 @ 1005
	R4b (12-28") medium dense, brown fine SAND, some fine gravel, trace mica schist, (moist), [SAND]	15					1.1 1.5 3.0	
	R5a (0-14") medium dense, brown, fine SAND, trace silt, (moist), [SAND]	17					1.1	
	R5b (14-24") medium dense, brown, fine SAND, some silt, (moist), [SAND]	18	5	MACROCORE	33/48	NA	0.5	
	R5c (24-33") medium dense, brown, fine SAND, (moist), [SAND]	19					105 2486 2799	
		20					1175 3300	

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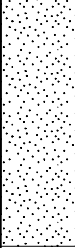
SB06

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Project		Project No.						
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001						
Location		Elevation and Datum						
Bronx, NY		NA						
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID Reading (ppm)
	R6a (0-8") medium dense, brown, fine SAND, (moist), [SAND] R6b (8-18") medium dense, black, fine SAND, trace fine gravel, (moist), [SAND] R6c (18-24") medium dense, gray, fine SAND, trace silt, (moist), [SAND]	20	6	MACROCORE	24/48	NA	559 1663 1975 736	Collect grab sample SB06_23-23.5 @ 1000 EOB @ 24' Install TMW-06 Screened From 14-24'
		21						
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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/5/17		Date Finished 9/5/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples NA		Disturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 19		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Adam Hutchinson	
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist Bl/Join		
	4-inch concrete slab	0						
	R1 (0-15") loose, brown, fine SAND, some silt, coal, concrete, (dry), [FILL]	1				0.4	Background PID levels: 0.4 ppm Collect grab sample SB07_0-2 @1400	
		2	1	MACROCORE	15/48	NA		0.4
		3						0.4
		4						
	R2 (0-12") loose, dark brown, fine SAND, some fine gravel, concrete, brick, coal, coal ash, (dry), [FILL]	5						
		6	2	MACROCORE	12/48	NA		
		7						0.4
		8						0.4
	R3 (0-14") medium dense, brown, fine SAND, trace fine gravel, trace mica schist, (dry), [SAND]	9						
		10	3	MACROCORE	20/48	NA		
		11						0.4
		12						0.4
	R4 (0-14") medium dense, brown, fine SAND, some fine gravel, trace silt, (dry), [SAND]	13						
		14	4	MACROCORE	14/48	NA		
		15						0.4
		16						0.4
	R5a (0-6") loose, gray, fine SAND, some fine gravel, trace silt, (moist), [SAND]	17						
		18	5	MACROCORE	8/48	NA		
	R5b (6-8") medium dense, brown, silty fine SAND, organic fibers, (moist), [SAND]	19						
		20						

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SB07

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Project		Project No.					
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001					
Location		Elevation and Datum					
Bronx, NY		NA					
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/6in	
	R6 (0-22") medium dense, banded [reddish brown, gray, dark gray], silty fine SAND, trace clay, trace coarse sand, organic fibers, (moist), [SAND]	20	6	MACROCORE	22/48	NA	0.4
		21					0.4
		22					0.4
		23					0.4
		24					0.4
		25					
		26					
		27					
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EOB @ 24' Borehold backfilled with soil cuttings to surface grade

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/5/17		Date Finished 9/5/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 24 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples NA		Disturbed 6	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 19		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Adam Hutchinson			
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA				

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MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	Bl/Join		
	4-inch concrete slab	0							
	R1 (0-20") loose, brown, fine SAND, trace fine gravel, coal, brick, concrete, (dry), [FILL]	1					0.7		SB08_0-2 @ 1155 Background PID levels: 0.7 ppm
		2	1	MACROCORE	14/48	NA	0.7		
		3							
		4							
		5							
	R2 (0-12") loose, grayish-brown, fine SAND, concrete, brick, (dry), [FILL]	7					0.7		
		8					0.7		
	R3a (0-6") loose, gray, fine SAND, brick, coal, coal ash, (dry), [FILL]	9							
	R3b (6-30") medium dense, brown, fine SAND, trace silt, (dry), [SAND]	10	3	MACROCORE	30/48	NA	0.7		
		11					0.7		
		12					0.7		
		13					0.7		
		14	4	MACROCORE	14/48	NA	0.7		
	R4 (0-14") medium dense, brown, fine SAND, trace silt, trace fine gravel, (dry), [SAND]	15					0.7		
		16					0.7		
		17							
		18	5	MACROCORE	16/48	NA			
	R5 (0-16") dense, gray, silty CLAY, trace fine SAND, organic fibers, (moist), [CLAY]	19							
		20					0.7		

LANGAN

Log of Boring


SB08

Sheet

2

of

2

Project		Project No.					
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001					
Location		Elevation and Datum					
Bronx, NY		NA					
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist. BL/6in	
	R6a (0-10") dense, gray, silty CLAY, trace fine SAND, organic fibers, (moist), [CLAY]	20	6	MACROCORE	12/48	NA	0.7
	R6 (10-12") medium dense, fine SAND, trace silt, sea shells, (moist), [SAND]	23					1.2
		24					0.9
		24					17.8
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					
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SB08_23-24 @ 1700
EOB @ 24' Borehole
backfilled with soil cuttings to
surface grade

Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001			
Location Bronx, NY				Elevation and Datum NA			
Drilling Company AARCO Environmental Services Corp.				Date Started 9/5/17		Date Finished 9/5/17	
Drilling Equipment Geoprobe 6610 DT				Completion Depth 21 ft		Rock Depth NA	
Size and Type of Bit 2-inch direct push macrocore cutting shoe				Number of Samples		Disturbed NA	Undisturbed 6
Casing Diameter (in) NA				Casing Depth (ft) NA		Water Level (ft.) First 19.5	Completion NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Adam Hutchinson	
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Veronica Zuluaga			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	BL/Join	
	4-inch concrete slab	0						
	R1 (0-9") loose, dark brown, fine SAND, some fine gravel, brick, concrete, insulation fabric, (dry), [FILL]	1	1	MACROCORE	9/48	NA		Collect grab sample SB09_0-2 @ 1215
	R2 (0-17") medium dense, brown to reddish-brown, silty fine SAND, some fine gravel, brick, coal, (dry), [FILL]	2	2	MACROCORE	17/48	NA		
	R3 (0-24") medium dense, gray, coarse GRAVEL, some fine SAND, (dry), [GRAVEL]	3	3	MACROCORE	24/48	NA		
	R4 (0-24") medium dense, gray, coarse GRAVEL, some fine sand, some fine gravel, (dry), [GRAVEL]	4	4	MACROCORE	24/48	NA		
	R5a (0-11") loose, gray, coarse GRAVEL, some fine gravel, some fine sand, (dry), [GRAVEL]	5	5	MACROCORE	15/48	NA		
	R5b (11-15") medium dense, brown, fine SAND, some silt, trace	20						

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Log of Boring

SB09

Sheet 2 of 2

Project		Project No.					
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001					
Location		Elevation and Datum					
Bronx, NY		NA					
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data			Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	PID Reading (ppm)		
	fine gravel, (moist) [SAND]	20	6	MACROCORE	6/12	NA	
	R6 (0-6") medium dense, brown, fine SAND, some silt, trace fine gravel, (moist), [SAND]	21					
		22					Refusal @ 21' EOB @ 21' Borehold backfilled with soil cuttings to surface grade
		23					
		24					
		25					
		26					
		27					
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					
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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001				
Location Bronx, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental				Date Started 9/22/17		Date Finished 9/22/17		
Drilling Equipment Geoprobe 6610 DT				Completion Depth 15 ft		Rock Depth NA		
Size and Type of Bit 2-inch direct push dualtube cutting shoe				Number of Samples		Disturbed NA	Undisturbed 3	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.)		First NA	Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Eddie Gallo		
Sampler 5-foot stainless steel dual tube sampler				Field Engineer Veronica Zuluaga				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	BL/Join	
	9-inch concrete slab	0						
	R1 (0-34") loose, brown, fine SAND, trace fine gravel, concrete, (dry) [FILL]	1	1	Dual Tube	34/60	NA	1.8	Background PID level: 1.0 PPM
		2					3.3	
		3					1.8	
		4					2.0	
		5					1.4	
	R2 (0-30") loose, brown, fine SAND, trace fine gravel, (dry) [FILL]	6	2	Dual Tube	30/60	NA	4.9	
		7					7.5	
		8					7.6	
		9					4.5	
		10					2.5	
	R3a (0-15") loose, dark gray, fine SAND, coal, coal ash, (dry) [FILL]	11	3	Dual Tube	31/60	NA	2.2	Refusal encountered @ 15' bgs EOB 15' borehole backfilled with #2 sand to surface grade
		12					3.9	
		13					1.5	
	R3b (15-31") medium dense, reddish brown SAND, trace schist, (dry) [SAND]	14					1.5	
		15					0.7	
		16						
		17						
		18						
		19						
		20						

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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001				
Location Bronx, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental				Date Started 9/22/17		Date Finished 9/22/17		
Drilling Equipment Geoprobe 6610 DT				Completion Depth 25 ft		Rock Depth NA		
Size and Type of Bit 2-inch direct push dualtube cutting shoe				Number of Samples		Disturbed NA	Undisturbed 5	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 19		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Eddie Gallo				
Sampler 5-foot stainless steel dual tube sampler				Field Engineer Veronica Zuluaga				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist B/Join		
	12-inch concrete slab	0						
	R1 (0-36") loose, brown, fine SAND, trace fine gravel, glass, concrete, coal, (dry) [FILL]	1	1	Dual Tube	36/60	NA	4.1	
		2					1.8	
		3					3.8	
		4					2.8	
		5					3.5	
	R2 (0-12") loose, dark brown, fine SAND, trace fine gravel, concrete, (dry) [FILL]	6	2	Dual Tube	12/60	NA	1.6	
		7						
		8						
		9					10.1	
		10					1.6	
	R3 (0-20") medium dense, dark brown, fine SAND, trace fine gravel, coal, brick, coal ash, (dry) [FILL]	11	3	Dual Tube	20/60	NA		
		12						
		13					1.5	
		14					1.2	
		15					1.4	
	R4a (0-5") medium dense, reddish brown, fine SAND, some silt, (dry) [SAND] R4b (5-24") medium dense, gray, fine SAND, trace silt, (moist) [SAND]	16	4	Dual Tube	24/60	NA	1.0	
		17						
		18					150.9	
		19					129.9	
		20					975	
			1017					

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Petroleum-like odors and staining observed
Collect grab sample
SB11_19.5-20

Project		Project No.																							
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001																							
Location		Elevation and Datum																							
Bronx, NY		NA																							
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)																		
			Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID Reading (ppm)																	
•••••	R5a (0-24") medium dense, gray, fine SAND, trace silt, trace clay, (wet) [SAND] R5b (24-36") medium dense, brown, fine SAND, trace silt, (moist) [SAND]	20	5	Dual Tube	36/60	NA	692 970 250 101 43 90	Petroleum-like odors and staining observed EOB 25' borehole backfilled with #2 sand to surface grade																	
		21							22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38

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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001				
Location Bronx, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental				Date Started 9/22/17		Date Finished 9/22/17		
Drilling Equipment Geoprobe 6610 DT				Completion Depth 19 ft		Rock Depth NA		
Size and Type of Bit 2-inch direct push dualtube cutting shoe				Number of Samples		Disturbed NA	Undisturbed 4	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 19		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Eddie Gallo				
Sampler 5-foot stainless steel dual tube sampler				Field Engineer Veronica Zuluaga				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist B/Join		
	12-inch concrete slab	0						
	R1 (0-24") loose, brown, fine SAND, glass, concrete, (dry) [FILL]	1				8.9	Background PID Level: 0.6 ppm	
		2				1.6		
		3	1	Dual Tube	24/60	NA		0.8
		4						0.7
	R2 (0-12") loose, brown, fine SAND, trace fine gravel, concrete, (dry) [FILL]	5						
		6						
		7	2	Dual Tube	12/60	NA		1.6
		8						1.9
	R3a (0-10") medium dense, dark gray, fine SAND, trace silt (dry) [FILL] R3b (10-24") loose, light brown, fine SAND, trace silt, crushed schist, (dry) [FILL]	9						
		10						
		11	3	Dual Tube	24/60	NA		0.8
		12						0.8
	R4 (0-5") medium dense, reddish brown, fine SAND, trace fine gravel, wood, brick (moist) [FILL]	13						
		14						
		15	4	Dual Tube	18/48	NA		1.9
		16						0.8
		17					Collect grab sample SB12_18-19 Refusal encountered at 19' EOB 19' Borehole backfilled with soil cuttings to surface grade	
		18				5.7		
		19				57		
		20				8.8		

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Project Gerard Ave & 146th Street (Block 2354, Lot 3)				Project No. 170487001				
Location Bronx, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental				Date Started 9/22/17		Date Finished 9/22/17		
Drilling Equipment Geoprobe 6610 DT				Completion Depth 25 ft		Rock Depth NA		
Size and Type of Bit 2-inch direct push dualtube cutting shoe				Number of Samples		Disturbed NA	Undisturbed 5	Core NA
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 18		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Eddie Gallo				
Sampler 5-foot stainless steel dual tube sampler				Field Engineer Veronica Zuluaga				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
			Number	Type	Recov. (in)	Penetr. resist	BL/Join	
	12-inch concrete slab	0						
	R1 (0-21") loose, brown, fine SAND, trace fine gravel, (dry) [FILL]	1	1	Dual Tube	21/60	NA	10.2	
		2					8.1	
		3					11.6	
		4						
		5						
	R2 (0-15") loose, brown, fine SAND, trace fine gravel, (dry) [FILL]	6	2	Dual Tube	15/60	NA		
		7						
		8						
		9					2.3	
		10					2.6	
	R3 (0-9") medium dense, dark brown, fine SAND, trace silt (dry) [SAND] R3b (9-24") medium dense, gray, fine SAND, trace schist, trace silt, trace fine gravel (dry) [SAND]	11	3	Dual Tube	24/60	NA		
		12						
		13					25	
		14					4.3	
		15					4.2	
	R4 (0-31") medium dense, gray, fine SAND, some silt, (moist) [SAND]	16	4	Dual Tube	31/60	NA	0.8	
		17						
		18					123	
		19					720	
		20					989	
			1172					
			687					

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Petroleum-like odors and staining observed
Collected grab sample
SB13_18-19

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Log of Boring

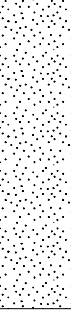
SB13

Sheet

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Project		Project No.						
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001						
Location		Elevation and Datum						
Bronx, NY		NA						
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID Reading (ppm)
	R5a (0-28") medium dense, gray, fine SAND, trace silt, (moist) [SAND] R5b (28-40") medium dense, brown, fine SAND, (moist) [SAND]	20	5	Dual Tube	40/60	NA	901 952 935 488 18.8 14.5	petroleum-like odors and staining present
		21						
		22						
		23						
		24						
		25						EOB 15' borehole backfilled with #2 sand to surface grade
		26						
		27						
		28						
		29						
		30						
		31						
		32						
		33						
		34						
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Attachment 2
Groundwater Sampling Logs

Attachment 3
Soil Vapor Sampling Logs

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: AA-01

PROJECT: Gerard Avenue & E 146th Street Site	PROJECT NO.: 170487001	
LOCATION: Bronx, New York	SURFACE ELEVATION AND DATUM: NA	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.	INSTALLATION DATE STARTED: 9/7/2017	DATE FINISHED: 9/7/2017
INSTALLATION FOREMAN: Adam Hutchinson	SAMPLE DATE STARTED: 9/7/2017	DATE FINISHED: 9/7/2017
INSTALLATION EQUIPMENT: NA	TYPE OF SAMPLING DEVICE: 6-Liter Summa Cannister	
INSPECTOR: Veronica Zuluaga	SAMPLER: Veronica Zuluaga	
POTENTIAL SAMPLE INTERFERENCES: None observed	WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 61-75 Pressure: 29.88 in HG Precip: 0 in Wind: 0-15 mph west	

SAMPLE DETAILS		SAMPLE LOCATION SKETCH
PID BEFORE SAMPLE (PPM):	0.0	See Figure 3
SAMPLE START DATE/TIME:	9/7/2017 11:26	
SAMPLE STOP DATE/TIME:	9/7/2017 13:26	
TOTAL SAMPLE TIME (MIN):	120	
FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.0	
CAN SERIAL NUMBER:	103	
REGULATOR SERIAL NUMBER:	0073	
CAN START VACUUM PRESS. (" HG):	-29.42	
CAN STOP VACUUM PRESS. (" HG):	-6.45	

Notes:
Collect sample AA01_090717

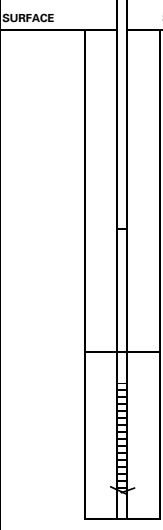
SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV-01

PROJECT: Gerard Avenue & E 146th Street Site		PROJECT NO.: 170487001																																																																	
LOCATION: Bronx, New York		SURFACE ELEVATION AND DATUM: NA																																																																	
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.		INSTALLATION DATE STARTED: 9/7/2017	DATE FINISHED: 9/7/2017																																																																
INSTALLATION FOREMAN: Adam Hutchinson		SAMPLE DATE STARTED: 9/7/2017	DATE FINISHED: 9/7/2017																																																																
INSTALLATION EQUIPMENT: Geoprobe 6610DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Cannister																																																																	
INSPECTOR: Veronica Zuluaga		SAMPLER: Veronica Zuluaga																																																																	
POTENTIAL SAMPLE INTERFERENCES: None observed		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 61-75 Pressure: 29.88 in HG Precip: 0 in Wind: 0-15 mph west																																																																	
METHOD OF INSTALLATION AND PURGING: Advance Geoprobe 6610DT to 9 feet below grade surface (bgs), insert 2-inch soil vapor probe with tubing. Purge the point using a multi-gas PID on low-flow setting for 2 minutes.																																																																			
TUBING TYPE/DIAMETER: 3/16" x 1/4" (ID X OD)		TYPE OF MATERIAL ABOVE SEAL: NA																																																																	
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-inch polyethylene soil vapor probe		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																																																																	
BOREHOLE DIAMETER: 3.75 inch		FILTER PACK MATERIAL (Sand or Glass Beads): #2 Sand																																																																	
PURGE VOLUME (L): 0.04			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">PURGE VOLUME (L):</th> <th style="width: 20%;">0.04</th> <th style="width: 20%;">DEPTH (FEET FROM SURFACE)</th> <th style="width: 30%;">NOTES</th> </tr> </thead> <tbody> <tr> <td>PURGE FLOW RATE (ML/MIN):</td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>PID AFTER PURGE (PPM):</td> <td>16</td> <td></td> <td></td> </tr> <tr> <td>HELIUM TEST IN BUCKET(%):</td> <td>24.80%</td> <td></td> <td></td> </tr> <tr> <td>HELIUM TEST IN TUBE (PPM):</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>SAMPLE START DATE/TIME:</td> <td>9/7/2017 11:26</td> <td></td> <td></td> </tr> <tr> <td>SAMPLE STOP DATE/TIME:</td> <td>9/7/2017 13:25</td> <td></td> <td></td> </tr> <tr> <td>TOTAL SAMPLE TIME (MIN):</td> <td>119</td> <td></td> <td></td> </tr> <tr> <td>FLOW RATE (L/MIN):</td> <td>0.05</td> <td></td> <td></td> </tr> <tr> <td>VOLUME OF SAMPLE (LITERS):</td> <td>6</td> <td></td> <td></td> </tr> <tr> <td>PID AFTER SAMPLE (PPM):</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>SAMPLE MOISTURE CONTENT:</td> <td>NA</td> <td></td> <td></td> </tr> <tr> <td>CAN SERIAL NUMBER:</td> <td>455</td> <td></td> <td></td> </tr> <tr> <td>REGULATOR SERIAL NUMBER:</td> <td>0232</td> <td></td> <td></td> </tr> <tr> <td>CAN START VACUUM PRESS. (" HG):</td> <td>-29.36</td> <td></td> <td></td> </tr> <tr> <td>CAN STOP VACUUM PRESS. (" HG):</td> <td>-3.72</td> <td></td> <td></td> </tr> </tbody> </table>	PURGE VOLUME (L):	0.04	DEPTH (FEET FROM SURFACE)	NOTES	PURGE FLOW RATE (ML/MIN):	20			PID AFTER PURGE (PPM):	16			HELIUM TEST IN BUCKET(%):	24.80%			HELIUM TEST IN TUBE (PPM):	0			SAMPLE START DATE/TIME:	9/7/2017 11:26			SAMPLE STOP DATE/TIME:	9/7/2017 13:25			TOTAL SAMPLE TIME (MIN):	119			FLOW RATE (L/MIN):	0.05			VOLUME OF SAMPLE (LITERS):	6			PID AFTER SAMPLE (PPM):	0			SAMPLE MOISTURE CONTENT:	NA			CAN SERIAL NUMBER:	455			REGULATOR SERIAL NUMBER:	0232			CAN START VACUUM PRESS. (" HG):	-29.36			CAN STOP VACUUM PRESS. (" HG):	-3.72		
PURGE VOLUME (L):	0.04			DEPTH (FEET FROM SURFACE)	NOTES																																																														
PURGE FLOW RATE (ML/MIN):	20																																																																		
PID AFTER PURGE (PPM):	16																																																																		
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SAMPLE START DATE/TIME:	9/7/2017 11:26																																																																		
SAMPLE STOP DATE/TIME:	9/7/2017 13:25																																																																		
TOTAL SAMPLE TIME (MIN):	119																																																																		
FLOW RATE (L/MIN):	0.05																																																																		
VOLUME OF SAMPLE (LITERS):	6																																																																		
PID AFTER SAMPLE (PPM):	0																																																																		
SAMPLE MOISTURE CONTENT:	NA																																																																		
CAN SERIAL NUMBER:	455																																																																		
REGULATOR SERIAL NUMBER:	0232																																																																		
CAN START VACUUM PRESS. (" HG):	-29.36																																																																		
CAN STOP VACUUM PRESS. (" HG):	-3.72																																																																		
SAMPLE LOCATION SKETCH		NOTES																																																																	
See Figure 3		Purge 2 minutes Collect Sample SV01_090717																																																																	
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727																																																																			

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV-06

PROJECT: Gerard Avenue & E 146th Street Site		PROJECT NO.: 170487001			
LOCATION: Bronx, New York		SURFACE ELEVATION AND DATUM: NA			
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.		INSTALLATION DATE STARTED: 9/7/2017		DATE FINISHED: 9/7/2017	
INSTALLATION FOREMAN: Adam Hutchinson		SAMPLE DATE STARTED: 9/7/2017		DATE FINISHED: 9/7/2017	
INSTALLATION EQUIPMENT: Geoprobe 6610DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Cannister			
INSPECTOR: Veronica Zuluaga		SAMPLER: Veronica Zuluaga			
POTENTIAL SAMPLE INTERFERENCES: None observed		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 61-74 Pressure: 29.86 in HG Precip: 0 in Wind: 0-10 mph north			
METHOD OF INSTALLATION AND PURGING: Advance Geoprobe 6610DT to 14 feet below grade surface (bgs), insert 2-inch soil vapor probe with tubing. Purge the point using a multi-gas PID on low-flow setting for 2 minutes.					
TUBING TYPE/DIAMETER: 3/16" x 1/4" (ID X OD)		TYPE OF MATERIAL ABOVE SEAL: NA			
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-inch polyethylene soil vapor probe		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite			
BOREHOLE DIAMETER: 3.75 inch		FILTER PACK MATERIAL (Sand or Glass Beads): #2 Sand			
PURGE VOLUME (L): 0.04		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (FEET FROM SURFACE)	NOTES
PURGE FLOW RATE (ML/MIN): 20					
PID AFTER PURGE (PPM): 0				SURFACE	SURFACE
HELIUM TEST IN BUCKET(%): 17.6%		Top of Seal		0	
HELIUM TEST IN TUBE (PPM): 0		Top of Pack		13.5	
SAMPLE START DATE/TIME: 9/6/2017 13:35				14	
SAMPLE STOP DATE/TIME: 9/6/2017 15:35					
TOTAL SAMPLE TIME (MIN): 120					
FLOW RATE (L/MIN): 0.05					
VOLUME OF SAMPLE (LITERS): 6					
PID AFTER SAMPLE (PPM): 0					
SAMPLE MOISTURE CONTENT: NA					
CAN SERIAL NUMBER: 365					
REGULATOR SERIAL NUMBER: 0954					
CAN START VACUUM PRESS. (" HG): -29.89					
CAN STOP VACUUM PRESS. (" HG): -12.94					
SAMPLE LOCATION SKETCH					
See Figure 3					
NOTES					
Purge 2 minutes Collect Sample SV06_090617					
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727					

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV-08

PROJECT: Gerard Avenue & E 146th Street Site		PROJECT NO.: 170487001																
LOCATION: Bronx, New York		SURFACE ELEVATION AND DATUM: NA																
DRILLING FIRM OR LANGAN INSTALLER: AARCO Environmental Services Corp.		INSTALLATION DATE STARTED: 9/5/2017	DATE FINISHED: 9/5/2017															
INSTALLATION FOREMAN: Adam Hutchinson		SAMPLE DATE STARTED: 9/6/2017	DATE FINISHED: 9/6/2017															
INSTALLATION EQUIPMENT: Geoprobe 6610DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Cannister																
INSPECTOR: Veronica Zuluaga		SAMPLER: Veronica Zuluaga																
POTENTIAL SAMPLE INTERFERENCES: None observed		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 61-74 Pressure: 29.86 in HG Precip: 0 in Wind: 0-10 mph north																
METHOD OF INSTALLATION AND PURGING: Advance Geoprobe 6610DT to 17 feet below grade surface (bgs), insert 2-inch soil vapor probe with tubing. Purge the point using a multi-gas PID on low-flow setting for 2 minutes.																		
TUBING TYPE/DIAMETER: 3/16" x 1/4" (ID X OD)		TYPE OF MATERIAL ABOVE SEAL: NA																
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-inch polyethylene soil vapor probe		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																
BOREHOLE DIAMETER: 3.75 inch		FILTER PACK MATERIAL (Sand or Glass Beads): #2 Sand																
PURGE VOLUME (L): 0.04			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th style="width:20%;">DEPTH (FEET FROM SURFACE)</th> <th style="width:50%;">NOTES</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">SURFACE</td> <td style="text-align: center;">SURFACE</td> <td></td> </tr> <tr> <td style="text-align: center;">Top of Seal</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td style="text-align: center;">Top of Pack</td> <td style="text-align: center;">16.5</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">17</td> <td></td> </tr> </tbody> </table>	IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES	SURFACE	SURFACE		Top of Seal	0		Top of Pack	16.5			17	
IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)			NOTES														
SURFACE	SURFACE																	
Top of Seal	0																	
Top of Pack	16.5																	
	17																	
PURGE FLOW RATE (ML/MIN): 20																		
PID AFTER PURGE (PPM): 0																		
HELIUM TEST IN BUCKET(%): 19%																		
HELIUM TEST IN TUBE (PPM): 0																		
SAMPLE START DATE/TIME: 9/6/2017 13:37																		
SAMPLE STOP DATE/TIME: 9/6/2017 15:37																		
TOTAL SAMPLE TIME (MIN): 120																		
FLOW RATE (L/MIN): 0.05																		
VOLUME OF SAMPLE (LITERS): 6																		
PID AFTER SAMPLE (PPM): 0																		
SAMPLE MOISTURE CONTENT: NA																		
CAN SERIAL NUMBER: 406																		
REGULATOR SERIAL NUMBER: 0648																		
CAN START VACUUM PRESS. (" HG): -29.09																		
CAN STOP VACUUM PRESS. (" HG): -5.62																		
SAMPLE LOCATION SKETCH		NOTES																
See Figure 3		Purge 2 minutes Collect Sample SV08_090617																

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

Attachment 4
Soil Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1731144
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & EAST 146TH STREET
Project Number:	170487001
Report Date:	09/15/17

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731144-01	SB09_0-2	SOIL	BRONX, NY	09/05/17 12:15	09/05/17
L1731144-02	SOTB01_090517	WATER	BRONX, NY	09/05/17 00:00	09/05/17

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

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

L1731144-01: The sample has a concentration above the reporting limit for Trichloroethene that is due to suspected laboratory contamination.

Total Metals

L1731144-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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:

 Kara Lindquist

Title: Technical Director/Representative

Date: 09/15/17

ORGANICS

VOLATILES

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
Client ID: SB09_0-2
Sample Location: BRONX, NY

Date Collected: 09/05/17 12:15
Date Received: 09/05/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:12
Analyst: CBN
Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	2.9	1
1,1-Dichloroethane	ND		ug/kg	2.7	0.48	1
Chloroform	ND		ug/kg	2.7	0.66	1
Carbon tetrachloride	ND		ug/kg	1.8	0.62	1
1,2-Dichloropropane	ND		ug/kg	6.2	0.41	1
Dibromochloromethane	ND		ug/kg	1.8	0.31	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	0.56	1
Tetrachloroethene	ND		ug/kg	1.8	0.54	1
Chlorobenzene	ND		ug/kg	1.8	0.62	1
Trichlorofluoromethane	ND		ug/kg	8.9	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.44	1
1,1,1-Trichloroethane	1.3	J	ug/kg	1.8	0.62	1
Bromodichloromethane	ND		ug/kg	1.8	0.55	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.41	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.37	1
1,1-Dichloropropene	ND		ug/kg	8.9	0.58	1
Bromoform	ND		ug/kg	7.1	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.53	1
Benzene	ND		ug/kg	1.8	0.34	1
Toluene	ND		ug/kg	2.7	0.35	1
Ethylbenzene	ND		ug/kg	1.8	0.30	1
Chloromethane	ND		ug/kg	8.9	0.78	1
Bromomethane	ND		ug/kg	3.6	0.60	1
Vinyl chloride	ND		ug/kg	3.6	0.56	1
Chloroethane	ND		ug/kg	3.6	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.66	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.43	1
Trichloroethene	13		ug/kg	1.8	0.54	1
1,2-Dichlorobenzene	ND		ug/kg	8.9	0.32	1

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01

Date Collected: 09/05/17 12:15

Client ID: SB09_0-2

Date Received: 09/05/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.9	0.39	1
1,4-Dichlorobenzene	ND		ug/kg	8.9	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.27	1
p/m-Xylene	ND		ug/kg	3.6	0.63	1
o-Xylene	ND		ug/kg	3.6	0.60	1
Xylenes, Total	ND		ug/kg	3.6	0.60	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.61	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.43	1
Dibromomethane	ND		ug/kg	18	0.43	1
Styrene	ND		ug/kg	3.6	0.72	1
Dichlorodifluoromethane	ND		ug/kg	18	0.89	1
Acetone	26		ug/kg	18	4.1	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	ND		ug/kg	18	1.2	1
Vinyl acetate	ND		ug/kg	18	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.44	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.32	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	8.9	0.64	1
2,2-Dichloropropane	ND		ug/kg	8.9	0.80	1
1,2-Dibromoethane	ND		ug/kg	7.1	0.36	1
1,3-Dichloropropane	ND		ug/kg	8.9	0.33	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.57	1
Bromobenzene	ND		ug/kg	8.9	0.39	1
n-Butylbenzene	ND		ug/kg	1.8	0.41	1
sec-Butylbenzene	ND		ug/kg	1.8	0.39	1
tert-Butylbenzene	ND		ug/kg	8.9	0.44	1
o-Chlorotoluene	ND		ug/kg	8.9	0.39	1
p-Chlorotoluene	ND		ug/kg	8.9	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.9	0.71	1
Hexachlorobutadiene	ND		ug/kg	8.9	0.62	1
Isopropylbenzene	ND		ug/kg	1.8	0.35	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.36	1
Naphthalene	ND		ug/kg	8.9	0.25	1
Acrylonitrile	ND		ug/kg	18	0.92	1
n-Propylbenzene	ND		ug/kg	1.8	0.38	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.9	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.9	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.9	0.29	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
Client ID: SB09_0-2
Sample Location: BRONX, NY

Date Collected: 09/05/17 12:15
Date Received: 09/05/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.9	0.33	1
1,4-Dioxane	ND		ug/kg	71	26.	1
p-Diethylbenzene	ND		ug/kg	7.1	7.1	1
p-Ethyltoluene	ND		ug/kg	7.1	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.1	0.28	1
Ethyl ether	ND		ug/kg	8.9	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.9	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	71		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-02
Client ID: SOTB01_090517
Sample Location: BRONX, NY

Date Collected: 09/05/17 00:00
Date Received: 09/05/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/09/17 17:32
Analyst: AD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-02

Date Collected: 09/05/17 00:00

Client ID: SOTB01_090517

Date Received: 09/05/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-02
 Client ID: SOTB01_090517
 Sample Location: BRONX, NY

Date Collected: 09/05/17 00:00
 Date Received: 09/05/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/09/17 13:20
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1040166-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/09/17 13:20
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1040166-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/09/17 13:20
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1040166-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1040719-5					
Methylene chloride	1.7	J	ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.7	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1040719-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1040719-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1040166-3 WG1040166-4								
Methylene chloride	87		82		70-130	6		20
1,1-Dichloroethane	87		82		70-130	6		20
Chloroform	87		82		70-130	6		20
Carbon tetrachloride	88		82		63-132	7		20
1,2-Dichloropropane	89		85		70-130	5		20
Dibromochloromethane	96		92		63-130	4		20
1,1,2-Trichloroethane	99		97		70-130	2		20
Tetrachloroethene	84		80		70-130	5		20
Chlorobenzene	87		83		75-130	5		20
Trichlorofluoromethane	89		82		62-150	8		20
1,2-Dichloroethane	96		94		70-130	2		20
1,1,1-Trichloroethane	87		81		67-130	7		20
Bromodichloromethane	90		85		67-130	6		20
trans-1,3-Dichloropropene	100		98		70-130	2		20
cis-1,3-Dichloropropene	92		88		70-130	4		20
1,1-Dichloropropene	88		82		70-130	7		20
Bromoform	98		91		54-136	7		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	85		80		70-130	6		20
Toluene	87		83		70-130	5		20
Ethylbenzene	88		83		70-130	6		20
Chloromethane	90		85		64-130	6		20
Bromomethane	88		81		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1040166-3 WG1040166-4								
Vinyl chloride	93		86		55-140	8		20
Chloroethane	81		74		55-138	9		20
1,1-Dichloroethene	86		80		61-145	7		20
trans-1,2-Dichloroethene	84		78		70-130	7		20
Trichloroethene	83		80		70-130	4		20
1,2-Dichlorobenzene	93		89		70-130	4		20
1,3-Dichlorobenzene	90		85		70-130	6		20
1,4-Dichlorobenzene	92		86		70-130	7		20
Methyl tert butyl ether	96		94		63-130	2		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	87		79		70-130	10		20
Dibromomethane	96		90		70-130	6		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	100		100		70-130	0		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	88		82		36-147	7		20
Acetone	110		110		58-148	0		20
Carbon disulfide	82		76		51-130	8		20
2-Butanone	99		97		63-138	2		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1040166-3 WG1040166-4								
Bromochloromethane	86		83		70-130	4		20
2,2-Dichloropropane	94		87		63-133	8		20
1,2-Dibromoethane	100		98		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	89		84		64-130	6		20
Bromobenzene	90		84		70-130	7		20
n-Butylbenzene	96		91		53-136	5		20
sec-Butylbenzene	94		88		70-130	7		20
tert-Butylbenzene	92		86		70-130	7		20
o-Chlorotoluene	96		89		70-130	8		20
p-Chlorotoluene	94		88		70-130	7		20
1,2-Dibromo-3-chloropropane	96		94		41-144	2		20
Hexachlorobutadiene	85		85		63-130	0		20
Isopropylbenzene	92		86		70-130	7		20
p-Isopropyltoluene	91		86		70-130	6		20
Naphthalene	110		120		70-130	9		20
n-Propylbenzene	94		88		69-130	7		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	91		85		64-130	7		20
1,2,4-Trimethylbenzene	91		85		70-130	7		20
1,4-Dioxane	136		154		56-162	12		20
p-Diethylbenzene	92		86		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1040166-3 WG1040166-4								
p-Ethyltoluene	92		86		70-130	7		20
1,2,4,5-Tetramethylbenzene	86		82		70-130	5		20
Ethyl ether	95		92		59-134	3		20
trans-1,4-Dichloro-2-butene	110		100		70-130	10		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	109		110		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		103		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1040719-3 WG1040719-4								
Methylene chloride	114		112		70-130	2		30
1,1-Dichloroethane	120		117		70-130	3		30
Chloroform	116		115		70-130	1		30
Carbon tetrachloride	119		114		70-130	4		30
1,2-Dichloropropane	118		115		70-130	3		30
Dibromochloromethane	92		91		70-130	1		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	118		114		70-139	3		30
1,2-Dichloroethane	117		115		70-130	2		30
1,1,1-Trichloroethane	119		115		70-130	3		30
Bromodichloromethane	114		111		70-130	3		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	113		112		70-130	1		30
1,1-Dichloropropene	121		117		70-130	3		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	94		93		70-130	1		30
Benzene	115		111		70-130	4		30
Toluene	102		99		70-130	3		30
Ethylbenzene	104		100		70-130	4		30
Chloromethane	112		107		52-130	5		30
Bromomethane	93		93		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1040719-3 WG1040719-4								
Vinyl chloride	124		118		67-130	5		30
Chloroethane	102		123		50-151	19		30
1,1-Dichloroethene	107		112		65-135	5		30
trans-1,2-Dichloroethene	117		112		70-130	4		30
Trichloroethene	117		113		70-130	3		30
1,2-Dichlorobenzene	92		90		70-130	2		30
1,3-Dichlorobenzene	94		91		70-130	3		30
1,4-Dichlorobenzene	92		89		70-130	3		30
Methyl tert butyl ether	131	Q	123		66-130	6		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	102		99		70-130	3		30
cis-1,2-Dichloroethene	114		110		70-130	4		30
Dibromomethane	112		111		70-130	1		30
Styrene	101		98		70-130	3		30
Dichlorodifluoromethane	117		112		30-146	4		30
Acetone	113		113		54-140	0		30
Carbon disulfide	111		107		59-130	4		30
2-Butanone	103		100		70-130	3		30
Vinyl acetate	121		119		70-130	2		30
4-Methyl-2-pentanone	98		94		70-130	4		30
1,2,3-Trichloropropane	94		93		68-130	1		30
2-Hexanone	90		88		70-130	2		30
Bromochloromethane	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1040719-3 WG1040719-4								
2,2-Dichloropropane	123		117		70-130	5		30
1,2-Dibromoethane	96		93		70-130	3		30
1,3-Dichloropropane	99		97		69-130	2		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	103		100		70-130	3		30
sec-Butylbenzene	100		97		70-130	3		30
tert-Butylbenzene	98		95		70-130	3		30
o-Chlorotoluene	99		96		70-130	3		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	80		79		68-130	1		30
Hexachlorobutadiene	92		90		67-130	2		30
Isopropylbenzene	100		97		70-130	3		30
p-Isopropyltoluene	100		96		70-130	4		30
Naphthalene	81		79		70-130	3		30
Acrylonitrile	109		107		70-130	2		30
n-Propylbenzene	102		99		70-130	3		30
1,2,3-Trichlorobenzene	86		85		70-130	1		30
1,2,4-Trichlorobenzene	90		86		70-130	5		30
1,3,5-Trimethylbenzene	98		95		70-130	3		30
1,2,4-Trimethylbenzene	99		95		70-130	4		30
1,4-Dioxane	110		109		65-136	1		30
p-Diethylbenzene	98		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731144

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1040719-3 WG1040719-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	94		91		70-130	3		30
Ethyl ether	121		115		67-130	5		30
trans-1,4-Dichloro-2-butene	98		96		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
Client ID: SB09_0-2
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/10/17 17:56
Analyst: SZ
Percent Solids: 68%

Date Collected: 09/05/17 12:15
Date Received: 09/05/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/17 09:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	190	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	28.	1
Hexachlorobenzene	ND		ug/kg	140	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	33.	1
2-Chloronaphthalene	ND		ug/kg	240	24.	1
1,2-Dichlorobenzene	ND		ug/kg	240	44.	1
1,3-Dichlorobenzene	ND		ug/kg	240	42.	1
1,4-Dichlorobenzene	ND		ug/kg	240	42.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	65.	1
2,4-Dinitrotoluene	ND		ug/kg	240	49.	1
2,6-Dinitrotoluene	ND		ug/kg	240	42.	1
Fluoranthene	2000		ug/kg	140	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	37.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	290	42.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorobutadiene	ND		ug/kg	240	36.	1
Hexachlorocyclopentadiene	ND		ug/kg	700	220	1
Hexachloroethane	ND		ug/kg	190	39.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	170	J	ug/kg	240	30.	1
Nitrobenzene	ND		ug/kg	220	36.	1
NDPA/DPA	ND		ug/kg	190	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	38.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	84.	1
Butyl benzyl phthalate	ND		ug/kg	240	61.	1
Di-n-butylphthalate	ND		ug/kg	240	46.	1
Di-n-octylphthalate	ND		ug/kg	240	83.	1
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	51.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
Client ID: SB09_0-2
Sample Location: BRONX, NY

Date Collected: 09/05/17 12:15
Date Received: 09/05/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	900		ug/kg	140	27.	1
Benzo(a)pyrene	860		ug/kg	190	59.	1
Benzo(b)fluoranthene	1100		ug/kg	140	41.	1
Benzo(k)fluoranthene	380		ug/kg	140	39.	1
Chrysene	850		ug/kg	140	25.	1
Acenaphthylene	54	J	ug/kg	190	38.	1
Anthracene	440		ug/kg	140	47.	1
Benzo(ghi)perylene	490		ug/kg	190	29.	1
Fluorene	180	J	ug/kg	240	24.	1
Phenanthrene	1800		ug/kg	140	30.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	140	28.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	190	34.	1
Pyrene	1700		ug/kg	140	24.	1
Biphenyl	ND		ug/kg	550	56.	1
4-Chloroaniline	ND		ug/kg	240	44.	1
2-Nitroaniline	ND		ug/kg	240	47.	1
3-Nitroaniline	ND		ug/kg	240	46.	1
4-Nitroaniline	ND		ug/kg	240	100	1
Dibenzofuran	170	J	ug/kg	240	23.	1
2-Methylnaphthalene	86	J	ug/kg	290	29.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	25.	1
Acetophenone	ND		ug/kg	240	30.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	46.	1
p-Chloro-m-cresol	ND		ug/kg	240	36.	1
2-Chlorophenol	ND		ug/kg	240	29.	1
2,4-Dichlorophenol	ND		ug/kg	220	39.	1
2,4-Dimethylphenol	ND		ug/kg	240	80.	1
2-Nitrophenol	ND		ug/kg	520	91.	1
4-Nitrophenol	ND		ug/kg	340	99.	1
2,4-Dinitrophenol	ND		ug/kg	1200	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	630	120	1
Pentachlorophenol	ND		ug/kg	190	54.	1
Phenol	ND		ug/kg	240	37.	1
2-Methylphenol	ND		ug/kg	240	38.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	350	38.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Benzoic Acid	ND		ug/kg	790	250	1
Benzyl Alcohol	ND		ug/kg	240	74.	1
Carbazole	200	J	ug/kg	240	24.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
 Client ID: SB09_0-2
 Sample Location: BRONX, NY

Date Collected: 09/05/17 12:15
 Date Received: 09/05/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22	Q	25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	15		10-136
4-Terphenyl-d14	49		18-120

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/07/17 14:13
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 09/06/17 09:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1038824-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/07/17 14:13
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 09/06/17 09:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1038824-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 09/07/17 14:13
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 09/06/17 09:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1038824-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	61		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

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: WG1038824-2 WG1038824-3								
Acenaphthene	64		51		31-137	23		50
1,2,4-Trichlorobenzene	61		49		38-107	22		50
Hexachlorobenzene	61		49		40-140	22		50
Bis(2-chloroethyl)ether	64		51		40-140	23		50
2-Chloronaphthalene	66		52		40-140	24		50
1,2-Dichlorobenzene	61		49		40-140	22		50
1,3-Dichlorobenzene	60		48		40-140	22		50
1,4-Dichlorobenzene	60		49		28-104	20		50
3,3'-Dichlorobenzidine	49		40		40-140	20		50
2,4-Dinitrotoluene	75		60		40-132	22		50
2,6-Dinitrotoluene	73		58		40-140	23		50
Fluoranthene	64		51		40-140	23		50
4-Chlorophenyl phenyl ether	62		50		40-140	21		50
4-Bromophenyl phenyl ether	62		50		40-140	21		50
Bis(2-chloroisopropyl)ether	76		60		40-140	24		50
Bis(2-chloroethoxy)methane	68		54		40-117	23		50
Hexachlorobutadiene	62		50		40-140	21		50
Hexachlorocyclopentadiene	57		43		40-140	28		50
Hexachloroethane	65		53		40-140	20		50
Isophorone	70		56		40-140	22		50
Naphthalene	63		50		40-140	23		50
Nitrobenzene	81		64		40-140	23		50
NDPA/DPA	66		52		36-157	24		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1038824-2 WG1038824-3								
n-Nitrosodi-n-propylamine	71		57		32-121	22		50
Bis(2-ethylhexyl)phthalate	83		66		40-140	23		50
Butyl benzyl phthalate	80		64		40-140	22		50
Di-n-butylphthalate	73		58		40-140	23		50
Di-n-octylphthalate	81		64		40-140	23		50
Diethyl phthalate	70		55		40-140	24		50
Dimethyl phthalate	70		56		40-140	22		50
Benzo(a)anthracene	67		54		40-140	21		50
Benzo(a)pyrene	68		55		40-140	21		50
Benzo(b)fluoranthene	67		54		40-140	21		50
Benzo(k)fluoranthene	65		52		40-140	22		50
Chrysene	64		51		40-140	23		50
Acenaphthylene	68		54		40-140	23		50
Anthracene	66		52		40-140	24		50
Benzo(ghi)perylene	65		52		40-140	22		50
Fluorene	65		52		40-140	22		50
Phenanthrene	63		50		40-140	23		50
Dibenzo(a,h)anthracene	64		50		40-140	25		50
Indeno(1,2,3-cd)pyrene	68		54		40-140	23		50
Pyrene	64		51		35-142	23		50
Biphenyl	67		53	Q	54-104	23		50
4-Chloroaniline	55		54		40-140	2		50
2-Nitroaniline	86		68		47-134	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1038824-2 WG1038824-3								
3-Nitroaniline	69		56		26-129	21		50
4-Nitroaniline	79		62		41-125	24		50
Dibenzofuran	65		52		40-140	22		50
2-Methylnaphthalene	65		52		40-140	22		50
1,2,4,5-Tetrachlorobenzene	63		50		40-117	23		50
Acetophenone	68		54		14-144	23		50
2,4,6-Trichlorophenol	74		59		30-130	23		50
p-Chloro-m-cresol	77		61		26-103	23		50
2-Chlorophenol	68		54		25-102	23		50
2,4-Dichlorophenol	72		57		30-130	23		50
2,4-Dimethylphenol	82		64		30-130	25		50
2-Nitrophenol	83		66		30-130	23		50
4-Nitrophenol	101		82		11-114	21		50
2,4-Dinitrophenol	58		42		4-130	32		50
4,6-Dinitro-o-cresol	80		63		10-130	24		50
Pentachlorophenol	57		44		17-109	26		50
Phenol	65		52		26-90	22		50
2-Methylphenol	72		57		30-130	23		50
3-Methylphenol/4-Methylphenol	73		58		30-130	23		50
2,4,5-Trichlorophenol	74		60		30-130	21		50
Benzoic Acid	24		21		10-110	13		50
Benzyl Alcohol	74		58		40-140	24		50
Carbazole	67		54		54-128	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1038824-2 WG1038824-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	70		56		25-120
Phenol-d6	71		57		10-120
Nitrobenzene-d5	84		66		23-120
2-Fluorobiphenyl	65		51		30-120
2,4,6-Tribromophenol	63		51		10-136
4-Terphenyl-d14	60		47		18-120

METALS

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
 Client ID: SB09_0-2
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 68%

Date Collected: 09/05/17 12:15
 Date Received: 09/05/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7090		mg/kg	11.5	3.10	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Antimony, Total	1.29	J	mg/kg	5.74	0.436	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Arsenic, Total	6.95		mg/kg	1.15	0.239	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Barium, Total	280		mg/kg	1.15	0.200	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Beryllium, Total	0.413	J	mg/kg	0.574	0.038	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	1.15	0.112	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Calcium, Total	62900		mg/kg	11.5	4.02	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Chromium, Total	16.8		mg/kg	1.15	0.110	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Cobalt, Total	4.87		mg/kg	2.30	0.191	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Copper, Total	107		mg/kg	1.15	0.296	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Iron, Total	12400		mg/kg	5.74	1.04	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Lead, Total	702		mg/kg	5.74	0.308	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Magnesium, Total	7800		mg/kg	11.5	1.77	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Manganese, Total	250		mg/kg	1.15	0.182	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Mercury, Total	0.80		mg/kg	0.09	0.02	1	09/07/17 05:00	09/07/17 20:18	EPA 7471B	1,7471B	EA
Nickel, Total	11.6		mg/kg	2.87	0.278	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Potassium, Total	1440		mg/kg	287	16.5	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Selenium, Total	0.597	J	mg/kg	2.30	0.296	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.15	0.325	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Sodium, Total	428		mg/kg	230	3.62	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.30	0.362	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Vanadium, Total	17.3		mg/kg	1.15	0.233	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB
Zinc, Total	312		mg/kg	5.74	0.336	2	09/06/17 20:40	09/07/17 16:40	EPA 3050B	1,6010C	AB



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1039090-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Barium, Total	ND		mg/kg	0.400	0.070	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Copper, Total	0.216	J	mg/kg	0.400	0.103	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Iron, Total	ND		mg/kg	2.00	0.361	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Lead, Total	ND		mg/kg	2.00	0.107	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Potassium, Total	ND		mg/kg	100	5.76	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Silver, Total	ND		mg/kg	0.400	0.113	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/06/17 20:40	09/07/17 11:53	1,6010C	AM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1039170-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/07/17 05:00	09/07/17 19:41	1,7471B	EA



Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731144

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1039090-2 SRM Lot Number: D093-540								
Aluminum, Total	66		-		55-146	-		
Antimony, Total	167		-		2-204	-		
Arsenic, Total	92		-		70-130	-		
Barium, Total	89		-		83-117	-		
Beryllium, Total	88		-		83-117	-		
Cadmium, Total	87		-		83-117	-		
Calcium, Total	90		-		83-117	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	88		-		84-116	-		
Copper, Total	97		-		82-118	-		
Iron, Total	84		-		47-153	-		
Lead, Total	96		-		82-117	-		
Magnesium, Total	78		-		77-124	-		
Manganese, Total	84		-		81-119	-		
Nickel, Total	88		-		83-117	-		
Potassium, Total	79		-		71-129	-		
Selenium, Total	94		-		78-122	-		
Silver, Total	100		-		76-124	-		
Sodium, Total	88		-		72-128	-		
Thallium, Total	91		-		79-121	-		
Vanadium, Total	91		-		78-122	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & EAST 146TH STREET**Lab Number:** L1731144**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1039090-2 SRM Lot Number: D093-540					
Zinc, Total	87	-	83-117	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1039170-2 SRM Lot Number: D093-540					
Mercury, Total	78	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

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 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039090-3 QC Sample: L1731161-03 Client ID: MS Sample												
Aluminum, Total	13000	180	11600	0	Q	-	-		75-125	-		20
Antimony, Total	ND	45	37.3	83		-	-		75-125	-		20
Arsenic, Total	2.16	10.8	12.2	93		-	-		75-125	-		20
Barium, Total	26.6	180	187	89		-	-		75-125	-		20
Beryllium, Total	0.470	4.5	4.35	86		-	-		75-125	-		20
Cadmium, Total	ND	4.59	3.72	81		-	-		75-125	-		20
Calcium, Total	118.	900	962	94		-	-		75-125	-		20
Chromium, Total	14.7	18	30.2	86		-	-		75-125	-		20
Cobalt, Total	2.40	45	43.6	92		-	-		75-125	-		20
Copper, Total	6.39	22.5	29.4	102		-	-		75-125	-		20
Iron, Total	14800	90	13000	0	Q	-	-		75-125	-		20
Lead, Total	3.37J	45.9	47.9	104		-	-		75-125	-		20
Magnesium, Total	1350	900	2120	86		-	-		75-125	-		20
Manganese, Total	99.3	45	153	119		-	-		75-125	-		20
Nickel, Total	3.77	45	46.2	94		-	-		75-125	-		20
Potassium, Total	257.	900	1130	97		-	-		75-125	-		20
Selenium, Total	0.381J	10.8	9.49	88		-	-		75-125	-		20
Silver, Total	ND	27	27.3	101		-	-		75-125	-		20
Sodium, Total	17.1J	900	834	93		-	-		75-125	-		20
Thallium, Total	ND	10.8	9.36	87		-	-		75-125	-		20
Vanadium, Total	23.6	45	64.1	90		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039090-3 QC Sample: L1731161-03 Client ID: MS Sample									
Zinc, Total	8.71	45	54.6	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039170-3 QC Sample: L1731113-02 Client ID: MS Sample									
Mercury, Total	ND	0.157	0.16	102	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039090-4 QC Sample: L1731161-03 Client ID: DUP Sample						
Aluminum, Total	13000	12900	mg/kg	1		20
Antimony, Total	ND	0.490J	mg/kg	NC		20
Arsenic, Total	2.16	3.69	mg/kg	52	Q	20
Barium, Total	26.6	25.0	mg/kg	6		20
Beryllium, Total	0.470	0.417J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	118.	117	mg/kg	1		20
Chromium, Total	14.7	14.2	mg/kg	3		20
Cobalt, Total	2.40	4.02	mg/kg	50	Q	20
Copper, Total	6.39	6.54	mg/kg	2		20
Iron, Total	14800	14200	mg/kg	4		20
Lead, Total	3.37J	6.87	mg/kg	NC		20
Magnesium, Total	1350	1280	mg/kg	5		20
Manganese, Total	99.3	79.4	mg/kg	22	Q	20
Nickel, Total	3.77	6.66	mg/kg	55	Q	20
Potassium, Total	257.	227	mg/kg	12		20
Selenium, Total	0.381J	0.408J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	17.1J	15.2J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731144

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039090-4 QC Sample: L1731161-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	23.6	22.7	mg/kg	4	20
Zinc, Total	8.71	15.0	mg/kg	53 Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1039170-4 QC Sample: L1731113-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731144-01
Client ID: SB09_0-2
Sample Location: BRONX, NY
Matrix: Soil

Date Collected: 09/05/17 12:15
Date Received: 09/05/17
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	68.3		%	0.100	NA	1	-	09/06/17 07:40	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731144

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1038792-1 QC Sample: L1729607-04 Client ID: DUP Sample						
Solids, Total	92.5	92.0	%	1		20

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Serial_No:09151711:25
Lab Number: L1731144
Report Date: 09/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731144-01A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1731144-01B	Vial water preserved	A	NA		2.2	Y	Absent	06-SEP-17 06:06	NYTCL-8260HLW(14)
L1731144-01C	Vial water preserved	A	NA		2.2	Y	Absent	06-SEP-17 06:06	NYTCL-8260HLW(14)
L1731144-01D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1731144-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	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)
L1731144-01F	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L1731144-02A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731144-02B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731144
Report Date: 09/15/17

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab 9/5/17	ALPHA Job # L1731141															
		of																	
Client Information Client: LANGAN Address: 360 West 95th Street New York, NY 10007 Phone: 212 479 5400 Fax: 212 479 5444 Email: wrogers@langan.com		Project Information Project Name: Gerard Ave + East 146th Street Project Location: Bronx, New York Project # 170487001 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #													
Project Manager: Michele Rogers ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:															
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles													
Please specify Metals or TAL.		VOCS SVOCS TAL metals		Sample Specific Comments															
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials														
3199-01	SB09-0-2	9/5/17	1215	SOIL	VZ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											6
02	SOTBOL-090517	9/5/17	-	AQ.	-	<input checked="" type="checkbox"/>													2
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: W A A Preservative: B/F A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)											
Relinquished By: <i>[Signature]</i>		Date/Time: 9/5/17 1527		Received By: <i>[Signature]</i>		Date/Time: 9/5/17 1527		Received By: <i>[Signature]</i>		Date/Time: 9/5 1730		Received By: <i>[Signature]</i>		Date/Time: 9/5/17 2240		Received By: <i>[Signature]</i>		Date/Time: 9/5 2200	



ANALYTICAL REPORT

Lab Number:	L1731335
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & 146 STREET
Project Number:	170487001
Report Date:	09/14/17

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), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731335-01	SB04_6-7	SOIL	BRONX, NY	09/05/17 17:45	09/06/17
L1731335-02	SB08_23-24	SOIL	BRONX, NY	09/05/17 17:00	09/06/17
L1731335-03	SB08_0-2	SOIL	BRONX, NY	09/05/17 16:55	09/06/17
L1731335-04	SB07_0-2	SOIL	BRONX, NY	09/05/17 14:00	09/06/17
L1731335-05	FB01_090617	WATER	BRONX, NY	09/06/17 15:15	09/06/17
L1731335-06	TB02_090617	WATER	BRONX, NY	09/06/17 00:00	09/06/17
L1731335-07	SB06_23-23.5	SOIL	BRONX, NY	09/06/17 10:00	09/06/17
L1731335-08	SB06_11-12	SOIL	BRONX, NY	09/06/17 10:05	09/06/17
L1731335-09	SB05_6-7	SOIL	BRONX, NY	09/06/17 13:00	09/06/17

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Case Narrative (continued)

Report Submission

September 14, 2017: This final report includes the results of all requested analyses.

September 13, 2017: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

At the client's request, the PCBs and Pesticides analyses were performed on L1731335-05.

Volatile Organics

L1731335-01 and -04: The samples have a concentration above the reporting limit for Trichloroethene that is due to suspected laboratory contamination.

L1731335-02: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1731335-07: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

The WG1039349-2/-3 LCS/LCSD recoveries, associated with L1731335-01, -02, -04, -07 and -09, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L1731335-01, -02, -04,-07 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L1731335-05: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Case Narrative (continued)

for carry over.

The WG1039483-1 Method Blank, associated with L1731335-01, -02, -04, -07 and -09, has a concentration above the reporting limit for Manganese. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

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:

 Kara Lindquist

Title: Technical Director/Representative

Date: 09/14/17

ORGANICS

VOLATILES

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01
Client ID: SB04_6-7
Sample Location: BRONX, NY

Date Collected: 09/05/17 17:45
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/12/17 13:43
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.26	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.96	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	0.53	J	ug/kg	0.96	0.29	1
Chlorobenzene	ND		ug/kg	0.96	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	0.44	J	ug/kg	0.96	0.34	1
Bromodichloromethane	ND		ug/kg	0.96	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.96	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.31	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	0.28	1
Benzene	ND		ug/kg	0.96	0.18	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.96	0.16	1
Chloromethane	ND		ug/kg	4.8	0.42	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.30	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1
Trichloroethene	3.8		ug/kg	0.96	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.17	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01

Date Collected: 09/05/17 17:45

Client ID: SB04_6-7

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.15	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.32	1
Xylenes, Total	ND		ug/kg	1.9	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.23	1
Dibromomethane	ND		ug/kg	9.6	0.23	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.48	1
Acetone	10		ug/kg	9.6	2.2	1
Carbon disulfide	ND		ug/kg	9.6	1.0	1
2-Butanone	ND		ug/kg	9.6	0.66	1
Vinyl acetate	ND		ug/kg	9.6	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.6	0.17	1
2-Hexanone	ND		ug/kg	9.6	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.34	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.43	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	0.30	1
Bromobenzene	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	0.96	0.22	1
sec-Butylbenzene	ND		ug/kg	0.96	0.21	1
tert-Butylbenzene	ND		ug/kg	4.8	0.24	1
o-Chlorotoluene	ND		ug/kg	4.8	0.21	1
p-Chlorotoluene	ND		ug/kg	4.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.33	1
Isopropylbenzene	ND		ug/kg	0.96	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.19	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.6	0.49	1
n-Propylbenzene	ND		ug/kg	0.96	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.15	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01
Client ID: SB04_6-7
Sample Location: BRONX, NY

Date Collected: 09/05/17 17:45
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	0.18	1
1,4-Dioxane	ND		ug/kg	38	14.	1
p-Diethylbenzene	ND		ug/kg	3.8	3.8	1
p-Ethyltoluene	ND		ug/kg	3.8	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.15	1
Ethyl ether	ND		ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02
Client ID: SB08_23-24
Sample Location: BRONX, NY

Date Collected: 09/05/17 17:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/12/17 12:19
Analyst: MV
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	200	1
1,1-Dichloroethane	ND		ug/kg	180	32.	1
Chloroform	ND		ug/kg	180	44.	1
Carbon tetrachloride	ND		ug/kg	120	41.	1
1,2-Dichloropropane	ND		ug/kg	420	27.	1
Dibromochloromethane	ND		ug/kg	120	21.	1
1,1,2-Trichloroethane	ND		ug/kg	180	37.	1
Tetrachloroethene	ND		ug/kg	120	36.	1
Chlorobenzene	ND		ug/kg	120	41.	1
Trichlorofluoromethane	ND		ug/kg	600	50.	1
1,2-Dichloroethane	ND		ug/kg	120	29.	1
1,1,1-Trichloroethane	ND		ug/kg	120	42.	1
Bromodichloromethane	ND		ug/kg	120	37.	1
trans-1,3-Dichloropropene	ND		ug/kg	120	25.	1
cis-1,3-Dichloropropene	ND		ug/kg	120	28.	1
1,3-Dichloropropene, Total	ND		ug/kg	120	25.	1
1,1-Dichloropropene	ND		ug/kg	600	39.	1
Bromoform	ND		ug/kg	480	28.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	36.	1
Benzene	110	J	ug/kg	120	23.	1
Toluene	160	J	ug/kg	180	23.	1
Ethylbenzene	67	J	ug/kg	120	20.	1
Chloromethane	ND		ug/kg	600	52.	1
Bromomethane	81	J	ug/kg	240	40.	1
Vinyl chloride	ND		ug/kg	240	38.	1
Chloroethane	ND		ug/kg	240	38.	1
1,1-Dichloroethene	ND		ug/kg	120	44.	1
trans-1,2-Dichloroethene	ND		ug/kg	180	29.	1
Trichloroethene	ND		ug/kg	120	36.	1
1,2-Dichlorobenzene	ND		ug/kg	600	22.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02

Date Collected: 09/05/17 17:00

Client ID: SB08_23-24

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	600	26.	1
1,4-Dichlorobenzene	ND		ug/kg	600	22.	1
Methyl tert butyl ether	19	J	ug/kg	240	18.	1
p/m-Xylene	210	J	ug/kg	240	42.	1
o-Xylene	ND		ug/kg	240	40.	1
Xylenes, Total	210	J	ug/kg	240	40.	1
cis-1,2-Dichloroethene	ND		ug/kg	120	41.	1
1,2-Dichloroethene, Total	ND		ug/kg	120	29.	1
Dibromomethane	ND		ug/kg	1200	28.	1
Styrene	ND		ug/kg	240	48.	1
Dichlorodifluoromethane	ND		ug/kg	1200	60.	1
Acetone	ND		ug/kg	1200	270	1
Carbon disulfide	ND		ug/kg	1200	130	1
2-Butanone	ND		ug/kg	1200	82.	1
Vinyl acetate	ND		ug/kg	1200	18.	1
4-Methyl-2-pentanone	ND		ug/kg	1200	29.	1
1,2,3-Trichloropropane	ND		ug/kg	1200	21.	1
2-Hexanone	ND		ug/kg	1200	79.	1
Bromochloromethane	ND		ug/kg	600	42.	1
2,2-Dichloropropane	ND		ug/kg	600	54.	1
1,2-Dibromoethane	ND		ug/kg	480	24.	1
1,3-Dichloropropane	ND		ug/kg	600	22.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	120	38.	1
Bromobenzene	ND		ug/kg	600	26.	1
n-Butylbenzene	52	J	ug/kg	120	27.	1
sec-Butylbenzene	140		ug/kg	120	26.	1
tert-Butylbenzene	ND		ug/kg	600	29.	1
o-Chlorotoluene	ND		ug/kg	600	26.	1
p-Chlorotoluene	ND		ug/kg	600	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	600	47.	1
Hexachlorobutadiene	ND		ug/kg	600	41.	1
Isopropylbenzene	69	J	ug/kg	120	23.	1
p-Isopropyltoluene	ND		ug/kg	120	24.	1
Naphthalene	78	J	ug/kg	600	16.	1
Acrylonitrile	ND		ug/kg	1200	61.	1
n-Propylbenzene	160		ug/kg	120	26.	1
1,2,3-Trichlorobenzene	ND		ug/kg	600	30.	1
1,2,4-Trichlorobenzene	ND		ug/kg	600	26.	1
1,3,5-Trimethylbenzene	64	J	ug/kg	600	19.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02
Client ID: SB08_23-24
Sample Location: BRONX, NY

Date Collected: 09/05/17 17:00
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	160	J	ug/kg	600	22.	1
1,4-Dioxane	ND		ug/kg	4800	1700	1
p-Diethylbenzene	ND		ug/kg	480	480	1
p-Ethyltoluene	190	J	ug/kg	480	28.	1
1,2,4,5-Tetramethylbenzene	270	J	ug/kg	480	18.	1
Ethyl ether	ND		ug/kg	600	31.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	600	47.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	99		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
Client ID: SB07_0-2
Sample Location: BRONX, NY

Date Collected: 09/05/17 14:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/12/17 14:09
Analyst: JC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.27	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.35	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.30	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.25	1
1,1,1-Trichloroethane	0.52	J	ug/kg	1.0	0.35	1
Bromodichloromethane	ND		ug/kg	1.0	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.33	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	ND		ug/kg	1.0	0.19	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.0	0.44	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.32	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	3.5		ug/kg	1.0	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04

Date Collected: 09/05/17 14:00

Client ID: SB07_0-2

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
Methyl tert butyl ether	0.18	J	ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.35	1
o-Xylene	ND		ug/kg	2.0	0.34	1
Xylenes, Total	ND		ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24	1
Dibromomethane	ND		ug/kg	10	0.24	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.50	1
Acetone	80		ug/kg	10	2.3	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	4.0	J	ug/kg	10	0.70	1
Vinyl acetate	ND		ug/kg	10	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.45	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.23	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.0	0.25	1
o-Chlorotoluene	ND		ug/kg	5.0	0.22	1
p-Chlorotoluene	ND		ug/kg	5.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.35	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	ND		ug/kg	5.0	0.14	1
Acrylonitrile	ND		ug/kg	10	0.52	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
Client ID: SB07_0-2
Sample Location: BRONX, NY

Date Collected: 09/05/17 14:00
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19	1
1,4-Dioxane	ND		ug/kg	40	14.	1
p-Diethylbenzene	ND		ug/kg	4.0	4.0	1
p-Ethyltoluene	ND		ug/kg	4.0	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 18:51
Analyst: AD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05

Date Collected: 09/06/17 15:15

Client ID: FB01_090617

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-06
Client ID: TB02_090617
Sample Location: BRONX, NY

Date Collected: 09/06/17 00:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 22:23
Analyst: PD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-06

Date Collected: 09/06/17 00:00

Client ID: TB02_090617

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-06
 Client ID: TB02_090617
 Sample Location: BRONX, NY

Date Collected: 09/06/17 00:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	89		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07 D
Client ID: SB06_23-23.5
Sample Location: BRONX, NY

Date Collected: 09/06/17 10:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/12/17 17:04
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	1100	J	ug/kg	6000	1000	10
1,1-Dichloroethane	ND		ug/kg	910	160	10
Chloroform	ND		ug/kg	910	220	10
Carbon tetrachloride	ND		ug/kg	600	210	10
1,2-Dichloropropane	ND		ug/kg	2100	140	10
Dibromochloromethane	ND		ug/kg	600	110	10
1,1,2-Trichloroethane	ND		ug/kg	910	190	10
Tetrachloroethene	ND		ug/kg	600	180	10
Chlorobenzene	ND		ug/kg	600	210	10
Trichlorofluoromethane	ND		ug/kg	3000	250	10
1,2-Dichloroethane	ND		ug/kg	600	150	10
1,1,1-Trichloroethane	ND		ug/kg	600	210	10
Bromodichloromethane	ND		ug/kg	600	190	10
trans-1,3-Dichloropropene	ND		ug/kg	600	120	10
cis-1,3-Dichloropropene	ND		ug/kg	600	140	10
1,3-Dichloropropene, Total	ND		ug/kg	600	120	10
1,1-Dichloropropene	ND		ug/kg	3000	200	10
Bromoform	ND		ug/kg	2400	140	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	600	180	10
Benzene	ND		ug/kg	600	120	10
Toluene	ND		ug/kg	910	120	10
Ethylbenzene	3300		ug/kg	600	100	10
Chloromethane	ND		ug/kg	3000	260	10
Bromomethane	ND		ug/kg	1200	200	10
Vinyl chloride	ND		ug/kg	1200	190	10
Chloroethane	ND		ug/kg	1200	190	10
1,1-Dichloroethene	ND		ug/kg	600	220	10
trans-1,2-Dichloroethene	ND		ug/kg	910	140	10
Trichloroethene	ND		ug/kg	600	180	10
1,2-Dichlorobenzene	ND		ug/kg	3000	110	10

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07 D

Date Collected: 09/06/17 10:00

Client ID: SB06_23-23.5

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3000	130	10
1,4-Dichlorobenzene	ND		ug/kg	3000	110	10
Methyl tert butyl ether	ND		ug/kg	1200	92.	10
p/m-Xylene	590	J	ug/kg	1200	210	10
o-Xylene	ND		ug/kg	1200	200	10
Xylenes, Total	590	J	ug/kg	1200	200	10
cis-1,2-Dichloroethene	ND		ug/kg	600	210	10
1,2-Dichloroethene, Total	ND		ug/kg	600	140	10
Dibromomethane	ND		ug/kg	6000	140	10
Styrene	ND		ug/kg	1200	240	10
Dichlorodifluoromethane	ND		ug/kg	6000	300	10
Acetone	ND		ug/kg	6000	1400	10
Carbon disulfide	ND		ug/kg	6000	660	10
2-Butanone	ND		ug/kg	6000	420	10
Vinyl acetate	ND		ug/kg	6000	92.	10
4-Methyl-2-pentanone	ND		ug/kg	6000	150	10
1,2,3-Trichloropropane	ND		ug/kg	6000	110	10
2-Hexanone	ND		ug/kg	6000	400	10
Bromochloromethane	ND		ug/kg	3000	220	10
2,2-Dichloropropane	ND		ug/kg	3000	270	10
1,2-Dibromoethane	ND		ug/kg	2400	120	10
1,3-Dichloropropane	ND		ug/kg	3000	110	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	600	190	10
Bromobenzene	ND		ug/kg	3000	130	10
n-Butylbenzene	12000		ug/kg	600	140	10
sec-Butylbenzene	3800		ug/kg	600	130	10
tert-Butylbenzene	310	J	ug/kg	3000	150	10
o-Chlorotoluene	ND		ug/kg	3000	130	10
p-Chlorotoluene	ND		ug/kg	3000	110	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	3000	240	10
Hexachlorobutadiene	ND		ug/kg	3000	210	10
Isopropylbenzene	17000		ug/kg	600	120	10
p-Isopropyltoluene	1600		ug/kg	600	120	10
Naphthalene	33000		ug/kg	3000	83.	10
Acrylonitrile	ND		ug/kg	6000	310	10
n-Propylbenzene	42000		ug/kg	600	130	10
1,2,3-Trichlorobenzene	ND		ug/kg	3000	150	10
1,2,4-Trichlorobenzene	ND		ug/kg	3000	130	10
1,3,5-Trimethylbenzene	960	J	ug/kg	3000	97.	10

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07 D
 Client ID: SB06_23-23.5
 Sample Location: BRONX, NY

Date Collected: 09/06/17 10:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	3000	110	10
1,4-Dioxane	ND		ug/kg	24000	8700	10
p-Diethylbenzene	7100		ug/kg	2400	2400	10
p-Ethyltoluene	2300	J	ug/kg	2400	140	10
1,2,4,5-Tetramethylbenzene	27000		ug/kg	2400	94.	10
Ethyl ether	ND		ug/kg	3000	160	10
trans-1,4-Dichloro-2-butene	ND		ug/kg	3000	240	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	123		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
Client ID: SB05_6-7
Sample Location: BRONX, NY

Date Collected: 09/06/17 13:00
Date Received: 09/06/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/13/17 10:22
Analyst: CBN
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.26	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.40	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	0.47	J	ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.54	1
Bromomethane	ND		ug/kg	2.4	0.42	1
Vinyl chloride	ND		ug/kg	2.4	0.39	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.46	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.30	1
Trichloroethene	3.8		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09

Date Collected: 09/06/17 13:00

Client ID: SB05_6-7

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.19	1
p/m-Xylene	ND		ug/kg	2.4	0.43	1
o-Xylene	ND		ug/kg	2.4	0.42	1
Xylenes, Total	ND		ug/kg	2.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.30	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	7.0	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.85	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.1	0.44	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.55	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.27	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
p-Chlorotoluene	ND		ug/kg	6.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.43	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
Client ID: SB05_6-7
Sample Location: BRONX, NY

Date Collected: 09/06/17 13:00
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.23	1
1,4-Dioxane	ND		ug/kg	49	18.	1
p-Diethylbenzene	ND		ug/kg	4.9	4.9	1
p-Ethyltoluene	ND		ug/kg	4.9	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.19	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 08:26
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,07 Batch: WG1040357-10					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:26
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,07 Batch: WG1040357-10					
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
o-Chlorotoluene	ND		ug/kg	250	11.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 08:26
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,07 Batch: WG1040357-10					
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
1,4-Dioxane	ND		ug/kg	2000	720
p-Diethylbenzene	ND		ug/kg	200	200
p-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	102		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04 Batch: WG1040719-5					
Methylene chloride	1.7	J	ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.7	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04 Batch: WG1040719-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 08:53
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,04 Batch: WG1040719-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:05
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1040944-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:05
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1040944-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:05
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1040944-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 20:31
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041054-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 20:31
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041054-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 09/12/17 20:31
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041054-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 09:29
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1041231-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 09:29
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1041231-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/13/17 09:29
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09 Batch: WG1041231-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07 Batch: WG1040357-8 WG1040357-9								
Methylene chloride	114		115		70-130	1		30
1,1-Dichloroethane	118		118		70-130	0		30
Chloroform	110		110		70-130	0		30
Carbon tetrachloride	103		104		70-130	1		30
1,2-Dichloropropane	114		112		70-130	2		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	119		118		70-130	1		30
Tetrachloroethene	100		100		70-130	0		30
Chlorobenzene	108		110		70-130	2		30
Trichlorofluoromethane	122		122		70-139	0		30
1,2-Dichloroethane	110		107		70-130	3		30
1,1,1-Trichloroethane	110		110		70-130	0		30
Bromodichloromethane	100		98		70-130	2		30
trans-1,3-Dichloropropene	106		107		70-130	1		30
cis-1,3-Dichloropropene	101		102		70-130	1		30
1,1-Dichloropropene	110		110		70-130	0		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	122		121		70-130	1		30
Benzene	110		109		70-130	1		30
Toluene	113		113		70-130	0		30
Ethylbenzene	113		113		70-130	0		30
Chloromethane	110		108		52-130	2		30
Bromomethane	93		100		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07 Batch: WG1040357-8 WG1040357-9								
Vinyl chloride	101		103		67-130	2		30
Chloroethane	109		111		50-151	2		30
1,1-Dichloroethene	107		107		65-135	0		30
trans-1,2-Dichloroethene	105		105		70-130	0		30
Trichloroethene	106		105		70-130	1		30
1,2-Dichlorobenzene	105		105		70-130	0		30
1,3-Dichlorobenzene	104		106		70-130	2		30
1,4-Dichlorobenzene	103		103		70-130	0		30
Methyl tert butyl ether	107		106		66-130	1		30
p/m-Xylene	110		111		70-130	1		30
o-Xylene	109		110		70-130	1		30
cis-1,2-Dichloroethene	104		105		70-130	1		30
Dibromomethane	102		101		70-130	1		30
Styrene	108		108		70-130	0		30
Dichlorodifluoromethane	88		89		30-146	1		30
Acetone	105		101		54-140	4		30
Carbon disulfide	98		98		59-130	0		30
2-Butanone	109		105		70-130	4		30
Vinyl acetate	104		104		70-130	0		30
4-Methyl-2-pentanone	94		91		70-130	3		30
1,2,3-Trichloropropane	120		118		68-130	2		30
2-Hexanone	84		80		70-130	5		30
Bromochloromethane	103		104		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07 Batch: WG1040357-8 WG1040357-9								
2,2-Dichloropropane	114		114		70-130	0		30
1,2-Dibromoethane	109		107		70-130	2		30
1,3-Dichloropropane	118		116		69-130	2		30
1,1,1,2-Tetrachloroethane	115		115		70-130	0		30
Bromobenzene	102		103		70-130	1		30
n-Butylbenzene	122		122		70-130	0		30
sec-Butylbenzene	117		118		70-130	1		30
tert-Butylbenzene	111		112		70-130	1		30
o-Chlorotoluene	116		117		70-130	1		30
p-Chlorotoluene	113		115		70-130	2		30
1,2-Dibromo-3-chloropropane	86		86		68-130	0		30
Hexachlorobutadiene	97		99		67-130	2		30
Isopropylbenzene	113		114		70-130	1		30
p-Isopropyltoluene	112		113		70-130	1		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	112		107		70-130	5		30
n-Propylbenzene	119		120		70-130	1		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	94		95		70-130	1		30
1,3,5-Trimethylbenzene	115		116		70-130	1		30
1,2,4-Trimethylbenzene	114		115		70-130	1		30
1,4-Dioxane	96		91		65-136	5		30
p-Diethylbenzene	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07 Batch: WG1040357-8 WG1040357-9								
p-Ethyltoluene	116		117		70-130	1		30
1,2,4,5-Tetramethylbenzene	106		108		70-130	2		30
Ethyl ether	113		95		67-130	17		30
trans-1,4-Dichloro-2-butene	118		104		70-130	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		112		70-130
Toluene-d8	115		114		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	105		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

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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: WG1040719-3 WG1040719-4								
Methylene chloride	114		112		70-130	2		30
1,1-Dichloroethane	120		117		70-130	3		30
Chloroform	116		115		70-130	1		30
Carbon tetrachloride	119		114		70-130	4		30
1,2-Dichloropropane	118		115		70-130	3		30
Dibromochloromethane	92		91		70-130	1		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	118		114		70-139	3		30
1,2-Dichloroethane	117		115		70-130	2		30
1,1,1-Trichloroethane	119		115		70-130	3		30
Bromodichloromethane	114		111		70-130	3		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	113		112		70-130	1		30
1,1-Dichloropropene	121		117		70-130	3		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	94		93		70-130	1		30
Benzene	115		111		70-130	4		30
Toluene	102		99		70-130	3		30
Ethylbenzene	104		100		70-130	4		30
Chloromethane	112		107		52-130	5		30
Bromomethane	93		93		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

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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: WG1040719-3 WG1040719-4								
Vinyl chloride	124		118		67-130	5		30
Chloroethane	102		123		50-151	19		30
1,1-Dichloroethene	107		112		65-135	5		30
trans-1,2-Dichloroethene	117		112		70-130	4		30
Trichloroethene	117		113		70-130	3		30
1,2-Dichlorobenzene	92		90		70-130	2		30
1,3-Dichlorobenzene	94		91		70-130	3		30
1,4-Dichlorobenzene	92		89		70-130	3		30
Methyl tert butyl ether	131	Q	123		66-130	6		30
p/m-Xylene	104		100		70-130	4		30
o-Xylene	102		99		70-130	3		30
cis-1,2-Dichloroethene	114		110		70-130	4		30
Dibromomethane	112		111		70-130	1		30
Styrene	101		98		70-130	3		30
Dichlorodifluoromethane	117		112		30-146	4		30
Acetone	113		113		54-140	0		30
Carbon disulfide	111		107		59-130	4		30
2-Butanone	103		100		70-130	3		30
Vinyl acetate	121		119		70-130	2		30
4-Methyl-2-pentanone	98		94		70-130	4		30
1,2,3-Trichloropropane	94		93		68-130	1		30
2-Hexanone	90		88		70-130	2		30
Bromochloromethane	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

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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: WG1040719-3 WG1040719-4								
2,2-Dichloropropane	123		117		70-130	5		30
1,2-Dibromoethane	96		93		70-130	3		30
1,3-Dichloropropane	99		97		69-130	2		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	103		100		70-130	3		30
sec-Butylbenzene	100		97		70-130	3		30
tert-Butylbenzene	98		95		70-130	3		30
o-Chlorotoluene	99		96		70-130	3		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	80		79		68-130	1		30
Hexachlorobutadiene	92		90		67-130	2		30
Isopropylbenzene	100		97		70-130	3		30
p-Isopropyltoluene	100		96		70-130	4		30
Naphthalene	81		79		70-130	3		30
Acrylonitrile	109		107		70-130	2		30
n-Propylbenzene	102		99		70-130	3		30
1,2,3-Trichlorobenzene	86		85		70-130	1		30
1,2,4-Trichlorobenzene	90		86		70-130	5		30
1,3,5-Trimethylbenzene	98		95		70-130	3		30
1,2,4-Trimethylbenzene	99		95		70-130	4		30
1,4-Dioxane	110		109		65-136	1		30
p-Diethylbenzene	98		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

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Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,04 Batch: WG1040719-3 WG1040719-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	94		91		70-130	3		30
Ethyl ether	121		115		67-130	5		30
trans-1,4-Dichloro-2-butene	98		96		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

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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: WG1040944-3 WG1040944-4								
Methylene chloride	97		93		70-130	4		20
1,1-Dichloroethane	90		88		70-130	2		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		94		63-132	6		20
1,2-Dichloropropane	97		95		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	99		95		62-150	4		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	99		94		67-130	5		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	98		96		70-130	2		20
cis-1,3-Dichloropropene	95		93		70-130	2		20
1,1-Dichloropropene	92		90		70-130	2		20
Bromoform	100		100		54-136	0		20
1,1,1,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	98		94		70-130	4		20
Toluene	100		98		70-130	2		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	35	Q	36	Q	64-130	3		20
Bromomethane	81		77		39-139	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

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Project Number: 170487001

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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: WG1040944-3 WG1040944-4								
Vinyl chloride	85		78		55-140	9		20
Chloroethane	95		86		55-138	10		20
1,1-Dichloroethene	88		85		61-145	3		20
trans-1,2-Dichloroethene	93		90		70-130	3		20
Trichloroethene	97		93		70-130	4		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	98		94		70-130	4		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	97		99		70-130	2		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	70		68		36-147	3		20
Acetone	97		110		58-148	13		20
Carbon disulfide	64		58		51-130	10		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	100		110		57-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

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: WG1040944-3 WG1040944-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	140	Q	140	Q	63-133	0		20
1,2-Dibromoethane	120		120		70-130	0		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	120		110		64-130	9		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	100		92		53-136	8		20
sec-Butylbenzene	100		94		70-130	6		20
tert-Butylbenzene	99		94		70-130	5		20
o-Chlorotoluene	96		92		70-130	4		20
p-Chlorotoluene	95		93		70-130	2		20
1,2-Dibromo-3-chloropropane	110		110		41-144	0		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	98		93		70-130	5		20
p-Isopropyltoluene	100		95		70-130	5		20
Naphthalene	120		130		70-130	8		20
n-Propylbenzene	100		94		69-130	6		20
1,2,3-Trichlorobenzene	140	Q	140	Q	70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		96		64-130	4		20
1,2,4-Trimethylbenzene	100		96		70-130	4		20
1,4-Dioxane	124		124		56-162	0		20
p-Diethylbenzene	96		92		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1040944-3 WG1040944-4								
p-Ethyltoluene	97		92		70-130	5		20
1,2,4,5-Tetramethylbenzene	100		95		70-130	5		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	90		94		70-130	4		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	111		112		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

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: WG1041054-3 WG1041054-4								
Methylene chloride	81		82		70-130	1		20
1,1-Dichloroethane	87		88		70-130	1		20
Chloroform	86		88		70-130	2		20
Carbon tetrachloride	83		84		63-132	1		20
1,2-Dichloropropane	90		94		70-130	4		20
Dibromochloromethane	95		95		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	91		93		70-130	2		20
Chlorobenzene	95		96		75-130	1		20
Trichlorofluoromethane	78		78		62-150	0		20
1,2-Dichloroethane	88		88		70-130	0		20
1,1,1-Trichloroethane	82		82		67-130	0		20
Bromodichloromethane	86		87		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	88		89		70-130	1		20
1,1-Dichloropropene	86		85		70-130	1		20
Bromoform	96		98		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	92		84		70-130	9		20
Toluene	99		99		70-130	0		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	71		72		64-130	1		20
Bromomethane	68		61		39-139	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

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: WG1041054-3 WG1041054-4								
Vinyl chloride	89		90		55-140	1		20
Chloroethane	86		84		55-138	2		20
1,1-Dichloroethene	74		75		61-145	1		20
trans-1,2-Dichloroethene	79		79		70-130	0		20
Trichloroethene	88		89		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	85		85		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	83		84		70-130	1		20
Dibromomethane	120		120		70-130	0		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	100		100		70-130	0		20
Styrene	65	Q	65	Q	70-130	0		20
Dichlorodifluoromethane	93		92		36-147	1		20
Acetone	93		89		58-148	4		20
Carbon disulfide	79		76		51-130	4		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	93		94		70-130	1		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		120		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

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: WG1041054-3 WG1041054-4								
Bromochloromethane	85		83		70-130	2		20
2,2-Dichloropropane	90		89		63-133	1		20
1,2-Dibromoethane	96		97		70-130	1		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	96		95		64-130	1		20
Bromobenzene	96		98		70-130	2		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	130		130		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	99		100		41-144	1		20
Hexachlorobutadiene	92		92		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	100		99		70-130	1		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	92		92		70-130	0		20
1,2,4-Trichlorobenzene	95		94		70-130	1		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	130		130		70-130	0		20
1,4-Dioxane	62		94		56-162	41	Q	20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1041054-3 WG1041054-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		20
Ethyl ether	80		81		59-134	1		20
trans-1,4-Dichloro-2-butene	120		120		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	89		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1041231-3 WG1041231-4								
Methylene chloride	108		108		70-130	0		30
1,1-Dichloroethane	116		116		70-130	0		30
Chloroform	111		112		70-130	1		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	114		115		70-130	1		30
Dibromochloromethane	90		90		70-130	0		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	94		94		70-130	0		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	113		112		70-139	1		30
1,2-Dichloroethane	114		114		70-130	0		30
1,1,1-Trichloroethane	114		114		70-130	0		30
Bromodichloromethane	110		111		70-130	1		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	111		112		70-130	1		30
1,1-Dichloropropene	116		116		70-130	0		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	89		92		70-130	3		30
Benzene	111		111		70-130	0		30
Toluene	96		97		70-130	1		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	104		104		52-130	0		30
Bromomethane	92		89		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1041231-3 WG1041231-4									
Vinyl chloride	119		118		67-130		1		30
Chloroethane	132		129		50-151		2		30
1,1-Dichloroethene	111		111		65-135		0		30
trans-1,2-Dichloroethene	113		112		70-130		1		30
Trichloroethene	113		112		70-130		1		30
1,2-Dichlorobenzene	86		88		70-130		2		30
1,3-Dichlorobenzene	87		88		70-130		1		30
1,4-Dichlorobenzene	87		86		70-130		1		30
Methyl tert butyl ether	185	Q	188	Q	66-130		2		30
p/m-Xylene	97		97		70-130		0		30
o-Xylene	97		97		70-130		0		30
cis-1,2-Dichloroethene	110		111		70-130		1		30
Dibromomethane	109		109		70-130		0		30
Styrene	95		95		70-130		0		30
Dichlorodifluoromethane	112		111		30-146		1		30
Acetone	113		112		54-140		1		30
Carbon disulfide	108		109		59-130		1		30
2-Butanone	100		101		70-130		1		30
Vinyl acetate	122		123		70-130		1		30
4-Methyl-2-pentanone	93		97		70-130		4		30
1,2,3-Trichloropropane	89		92		68-130		3		30
2-Hexanone	88		87		70-130		1		30
Bromochloromethane	106		108		70-130		2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1041231-3 WG1041231-4								
2,2-Dichloropropane	116		115		70-130	1		30
1,2-Dibromoethane	91		92		70-130	1		30
1,3-Dichloropropane	95		97		69-130	2		30
1,1,1,2-Tetrachloroethane	94		93		70-130	1		30
Bromobenzene	85		88		70-130	3		30
n-Butylbenzene	96		95		70-130	1		30
sec-Butylbenzene	92		93		70-130	1		30
tert-Butylbenzene	91		92		70-130	1		30
o-Chlorotoluene	91		92		70-130	1		30
p-Chlorotoluene	92		93		70-130	1		30
1,2-Dibromo-3-chloropropane	75		80		68-130	6		30
Hexachlorobutadiene	87		86		67-130	1		30
Isopropylbenzene	93		94		70-130	1		30
p-Isopropyltoluene	92		93		70-130	1		30
Naphthalene	77		80		70-130	4		30
Acrylonitrile	108		109		70-130	1		30
n-Propylbenzene	95		95		70-130	0		30
1,2,3-Trichlorobenzene	81		83		70-130	2		30
1,2,4-Trichlorobenzene	83		85		70-130	2		30
1,3,5-Trimethylbenzene	91		92		70-130	1		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	103		110		65-136	7		30
p-Diethylbenzene	91		92		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09 Batch: WG1041231-3 WG1041231-4								
p-Ethyltoluene	93		93		70-130	0		30
1,2,4,5-Tetramethylbenzene	87		88		70-130	1		30
Ethyl ether	115		114		67-130	1		30
trans-1,4-Dichloro-2-butene	92		94		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01
Client ID: SB04_6-7
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/11/17 10:35
Analyst: CB
Percent Solids: 93%

Date Collected: 09/05/17 17:45
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	110		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01

Date Collected: 09/05/17 17:45

Client ID: SB04_6-7

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	61	J	ug/kg	100	20.	1
Benzo(a)pyrene	54	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	69	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	60	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	37	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	65	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	36	J	ug/kg	140	24.	1
Pyrene	110		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01
 Client ID: SB04_6-7
 Sample Location: BRONX, NY

Date Collected: 09/05/17 17:45
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	67		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02
Client ID: SB08_23-24
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/11/17 11:01
Analyst: CB
Percent Solids: 62%

Date Collected: 09/05/17 17:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	30.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
1,2-Dichlorobenzene	ND		ug/kg	260	48.	1
1,3-Dichlorobenzene	ND		ug/kg	260	46.	1
1,4-Dichlorobenzene	ND		ug/kg	260	46.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	70.	1
2,4-Dinitrotoluene	ND		ug/kg	260	53.	1
2,6-Dinitrotoluene	ND		ug/kg	260	46.	1
Fluoranthene	130	J	ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	45.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	26.	1
Hexachlorobutadiene	ND		ug/kg	260	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	760	240	1
Hexachloroethane	ND		ug/kg	210	43.	1
Isophorone	ND		ug/kg	240	34.	1
Naphthalene	77	J	ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	240	39.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	41.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	92.	1
Butyl benzyl phthalate	ND		ug/kg	260	67.	1
Di-n-butylphthalate	ND		ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	90.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	56.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02

Date Collected: 09/05/17 17:00

Client ID: SB08_23-24

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	76	J	ug/kg	160	30.	1
Benzo(a)pyrene	100	J	ug/kg	210	65.	1
Benzo(b)fluoranthene	93	J	ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	42.	1
Chrysene	72	J	ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	210	41.	1
Anthracene	ND		ug/kg	160	52.	1
Benzo(ghi)perylene	70	J	ug/kg	210	31.	1
Fluorene	ND		ug/kg	260	26.	1
Phenanthrene	54	J	ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	210	37.	1
Pyrene	170		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	600	62.	1
4-Chloroaniline	ND		ug/kg	260	48.	1
2-Nitroaniline	ND		ug/kg	260	51.	1
3-Nitroaniline	ND		ug/kg	260	50.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	ND		ug/kg	260	25.	1
2-Methylnaphthalene	ND		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	28.	1
Acetophenone	ND		ug/kg	260	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	50.	1
p-Chloro-m-cresol	ND		ug/kg	260	40.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	260	88.	1
2-Nitrophenol	ND		ug/kg	570	100	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	690	130	1
Pentachlorophenol	ND		ug/kg	210	58.	1
Phenol	ND		ug/kg	260	40.	1
2-Methylphenol	ND		ug/kg	260	41.	1
3-Methylphenol/4-Methylphenol	160	J	ug/kg	380	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	51.	1
Benzoic Acid	ND		ug/kg	860	270	1
Benzyl Alcohol	ND		ug/kg	260	81.	1
Carbazole	ND		ug/kg	260	26.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02
 Client ID: SB08_23-24
 Sample Location: BRONX, NY

Date Collected: 09/05/17 17:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	57		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
Client ID: SB07_0-2
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/11/17 11:27
Analyst: CB
Percent Solids: 92%

Date Collected: 09/05/17 14:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	270		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	4400		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	190		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04

Date Collected: 09/05/17 14:00

Client ID: SB07_0-2

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1900		ug/kg	110	20.	1
Benzo(a)pyrene	1600		ug/kg	140	43.	1
Benzo(b)fluoranthene	2000		ug/kg	110	30.	1
Benzo(k)fluoranthene	600		ug/kg	110	28.	1
Chrysene	1900		ug/kg	110	18.	1
Acenaphthylene	59	J	ug/kg	140	27.	1
Anthracene	710		ug/kg	110	34.	1
Benzo(ghi)perylene	910		ug/kg	140	21.	1
Fluorene	230		ug/kg	180	17.	1
Phenanthrene	3800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	220		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	970		ug/kg	140	25.	1
Pyrene	4400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	110	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	300		ug/kg	180	17.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
 Client ID: SB07_0-2
 Sample Location: BRONX, NY

Date Collected: 09/05/17 14:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	60		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/11/17 12:48
Analyst: MW

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	92		41-149

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/10/17 10:49
Analyst: KL

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
 Client ID: FB01_090617
 Sample Location: BRONX, NY

Date Collected: 09/06/17 15:15
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	60		41-149

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07
 Client ID: SB06_23-23.5
 Sample Location: BRONX, NY

Date Collected: 09/06/17 10:00
 Date Received: 09/06/17
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/07/17 11:44

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/11/17 11:53
 Analyst: CB
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	11000	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07

Date Collected: 09/06/17 10:00

Client ID: SB06_23-23.5

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	45	J	ug/kg	190	18.	1
Phenanthrene	37	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	190	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	7300		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07
 Client ID: SB06_23-23.5
 Sample Location: BRONX, NY

Date Collected: 09/06/17 10:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	49		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07 D
 Client ID: SB06_23-23.5
 Sample Location: BRONX, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/13/17 13:27
 Analyst: ALS
 Percent Solids: 86%

Date Collected: 09/06/17 10:00
 Date Received: 09/06/17
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	14000		ug/kg	760	92.	4

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
 Client ID: SB05_6-7
 Sample Location: BRONX, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/11/17 22:08
 Analyst: CB
 Percent Solids: 87%

Date Collected: 09/06/17 13:00
 Date Received: 09/06/17
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	23	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09

Date Collected: 09/06/17 13:00

Client ID: SB05_6-7

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	20	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
 Client ID: SB05_6-7
 Sample Location: BRONX, NY

Date Collected: 09/06/17 13:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	53		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/08/17 07:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,07,09 Batch: WG1039349-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/08/17 07:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,07,09 Batch: WG1039349-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 09/08/17 07:25
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/07/17 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,07,09 Batch: WG1039349-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	64		18-120

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/11/17 09:52
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1039521-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/11/17 09:52
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1039521-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/11/17 09:52
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1039521-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	91		41-149

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/08/17 11:03
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1039522-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/08/17 11:03
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1039522-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	50		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039349-2 WG1039349-3								
Acenaphthene	65		66		31-137	2		50
1,2,4-Trichlorobenzene	65		68		38-107	5		50
Hexachlorobenzene	64		65		40-140	2		50
Bis(2-chloroethyl)ether	66		69		40-140	4		50
2-Chloronaphthalene	69		70		40-140	1		50
1,2-Dichlorobenzene	62		66		40-140	6		50
1,3-Dichlorobenzene	61		64		40-140	5		50
1,4-Dichlorobenzene	61		65		28-104	6		50
3,3'-Dichlorobenzidine	63		63		40-140	0		50
2,4-Dinitrotoluene	75		76		40-132	1		50
2,6-Dinitrotoluene	77		76		40-140	1		50
Fluoranthene	65		65		40-140	0		50
4-Chlorophenyl phenyl ether	65		65		40-140	0		50
4-Bromophenyl phenyl ether	65		66		40-140	2		50
Bis(2-chloroisopropyl)ether	75		78		40-140	4		50
Bis(2-chloroethoxy)methane	72		73		40-117	1		50
Hexachlorobutadiene	62		66		40-140	6		50
Hexachlorocyclopentadiene	65		67		40-140	3		50
Hexachloroethane	66		70		40-140	6		50
Isophorone	73		75		40-140	3		50
Naphthalene	64		67		40-140	5		50
Nitrobenzene	84		87		40-140	4		50
NDPA/DPA	67		68		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039349-2 WG1039349-3								
n-Nitrosodi-n-propylamine	74		77		32-121	4		50
Bis(2-ethylhexyl)phthalate	85		85		40-140	0		50
Butyl benzyl phthalate	80		82		40-140	2		50
Di-n-butylphthalate	75		75		40-140	0		50
Di-n-octylphthalate	81		82		40-140	1		50
Diethyl phthalate	72		73		40-140	1		50
Dimethyl phthalate	74		74		40-140	0		50
Benzo(a)anthracene	68		68		40-140	0		50
Benzo(a)pyrene	68		70		40-140	3		50
Benzo(b)fluoranthene	66		67		40-140	2		50
Benzo(k)fluoranthene	66		67		40-140	2		50
Chrysene	64		65		40-140	2		50
Acenaphthylene	72		72		40-140	0		50
Anthracene	66		66		40-140	0		50
Benzo(ghi)perylene	64		66		40-140	3		50
Fluorene	66		67		40-140	2		50
Phenanthrene	63		64		40-140	2		50
Dibenzo(a,h)anthracene	63		65		40-140	3		50
Indeno(1,2,3-cd)pyrene	65		68		40-140	5		50
Pyrene	64		64		35-142	0		50
Biphenyl	72		72		54-104	0		50
4-Chloroaniline	75		75		40-140	0		50
2-Nitroaniline	89		89		47-134	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039349-2 WG1039349-3								
3-Nitroaniline	74		74		26-129	0		50
4-Nitroaniline	79		79		41-125	0		50
Dibenzofuran	66		66		40-140	0		50
2-Methylnaphthalene	67		68		40-140	1		50
1,2,4,5-Tetrachlorobenzene	66		67		40-117	2		50
Acetophenone	71		74		14-144	4		50
2,4,6-Trichlorophenol	78		78		30-130	0		50
p-Chloro-m-cresol	81		80		26-103	1		50
2-Chlorophenol	70		74		25-102	6		50
2,4-Dichlorophenol	77		78		30-130	1		50
2,4-Dimethylphenol	88		87		30-130	1		50
2-Nitrophenol	85		88		30-130	3		50
4-Nitrophenol	98		98		11-114	0		50
2,4-Dinitrophenol	59		40		4-130	38		50
4,6-Dinitro-o-cresol	84		79		10-130	6		50
Pentachlorophenol	60		58		17-109	3		50
Phenol	68		69		26-90	1		50
2-Methylphenol	75		78		30-130.	4		50
3-Methylphenol/4-Methylphenol	76		77		30-130	1		50
2,4,5-Trichlorophenol	79		79		30-130	0		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	78		79		40-140	1		50
Carbazole	66		66		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039349-2 WG1039349-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	70		74		25-120
Phenol-d6	74		75		10-120
Nitrobenzene-d5	84		87		23-120
2-Fluorobiphenyl	66		67		30-120
2,4,6-Tribromophenol	64		65		10-136
4-Terphenyl-d14	59		60		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1039521-2 WG1039521-3								
Acenaphthene	78		86		37-111	10		30
1,2,4-Trichlorobenzene	65		73		39-98	12		30
Hexachlorobenzene	90		103		40-140	13		30
Bis(2-chloroethyl)ether	88		97		40-140	10		30
2-Chloronaphthalene	84		93		40-140	10		30
1,2-Dichlorobenzene	63		69		40-140	9		30
1,3-Dichlorobenzene	62		68		40-140	9		30
1,4-Dichlorobenzene	62		69		36-97	11		30
3,3'-Dichlorobenzidine	76		87		40-140	13		30
2,4-Dinitrotoluene	92		102		48-143	10		30
2,6-Dinitrotoluene	90		101		40-140	12		30
Fluoranthene	90		100		40-140	11		30
4-Chlorophenyl phenyl ether	89		99		40-140	11		30
4-Bromophenyl phenyl ether	100		112		40-140	11		30
Bis(2-chloroisopropyl)ether	79		87		40-140	10		30
Bis(2-chloroethoxy)methane	88		99		40-140	12		30
Hexachlorobutadiene	64		71		40-140	10		30
Hexachlorocyclopentadiene	50		55		40-140	10		30
Hexachloroethane	60		66		40-140	10		30
Isophorone	81		91		40-140	12		30
Naphthalene	71		78		40-140	9		30
Nitrobenzene	89		98		40-140	10		30
NDPA/DPA	93		104		40-140	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1039521-2 WG1039521-3								
n-Nitrosodi-n-propylamine	87		96		29-132	10		30
Bis(2-ethylhexyl)phthalate	95		105		40-140	10		30
Butyl benzyl phthalate	91		101		40-140	10		30
Di-n-butylphthalate	96		106		40-140	10		30
Di-n-octylphthalate	101		111		40-140	9		30
Diethyl phthalate	92		103		40-140	11		30
Dimethyl phthalate	93		105		40-140	12		30
Benzo(a)anthracene	96		107		40-140	11		30
Benzo(a)pyrene	104		118		40-140	13		30
Benzo(b)fluoranthene	106		119		40-140	12		30
Benzo(k)fluoranthene	92		106		40-140	14		30
Chrysene	87		97		40-140	11		30
Acenaphthylene	86		96		45-123	11		30
Anthracene	84		94		40-140	11		30
Benzo(ghi)perylene	93		105		40-140	12		30
Fluorene	85		97		40-140	13		30
Phenanthrene	81		91		40-140	12		30
Dibenzo(a,h)anthracene	96		110		40-140	14		30
Indeno(1,2,3-cd)pyrene	102		114		40-140	11		30
Pyrene	86		95		26-127	10		30
Biphenyl	86		95		40-140	10		30
4-Chloroaniline	71		85		40-140	18		30
2-Nitroaniline	95		108		52-143	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1039521-2 WG1039521-3								
3-Nitroaniline	80		91		25-145	13		30
4-Nitroaniline	92		107		51-143	15		30
Dibenzofuran	84		94		40-140	11		30
2-Methylnaphthalene	77		84		40-140	9		30
1,2,4,5-Tetrachlorobenzene	84		91		2-134	8		30
Acetophenone	79		88		39-129	11		30
2,4,6-Trichlorophenol	91		104		30-130	13		30
p-Chloro-m-cresol	100	Q	113	Q	23-97	12		30
2-Chlorophenol	83		93		27-123	11		30
2,4-Dichlorophenol	92		103		30-130	11		30
2,4-Dimethylphenol	73		94		30-130	25		30
2-Nitrophenol	99		110		30-130	11		30
4-Nitrophenol	63		69		10-80	9		30
2,4-Dinitrophenol	99		113		20-130	13		30
4,6-Dinitro-o-cresol	110		126		20-164	14		30
Pentachlorophenol	85		95		9-103	11		30
Phenol	38		42		12-110	10		30
2-Methylphenol	75		86		30-130	14		30
3-Methylphenol/4-Methylphenol	76		88		30-130	15		30
2,4,5-Trichlorophenol	107		119		30-130	11		30
Benzoic Acid	50		49		10-164	2		30
Benzyl Alcohol	70		75		26-116	7		30
Carbazole	91		102		55-144	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1039521-2 WG1039521-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	59		64		21-120
Phenol-d6	38		42		10-120
Nitrobenzene-d5	84		95		23-120
2-Fluorobiphenyl	77		87		15-120
2,4,6-Tribromophenol	86		98		10-120
4-Terphenyl-d14	82		92		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1039522-2 WG1039522-3								
Acenaphthene	56		61		37-111	9		40
2-Chloronaphthalene	54		60		40-140	11		40
Fluoranthene	55		59		40-140	7		40
Hexachlorobutadiene	54		60		40-140	11		40
Naphthalene	54		58		40-140	7		40
Benzo(a)anthracene	60		65		40-140	8		40
Benzo(a)pyrene	61		65		40-140	6		40
Benzo(b)fluoranthene	62		64		40-140	3		40
Benzo(k)fluoranthene	61		65		40-140	6		40
Chrysene	64		67		40-140	5		40
Acenaphthylene	60		65		40-140	8		40
Anthracene	58		62		40-140	7		40
Benzo(ghi)perylene	72		76		40-140	5		40
Fluorene	57		62		40-140	8		40
Phenanthrene	57		63		40-140	10		40
Dibenzo(a,h)anthracene	72		78		40-140	8		40
Indeno(1,2,3-cd)pyrene	72		76		40-140	5		40
Pyrene	53		57		26-127	7		40
2-Methylnaphthalene	54		60		40-140	11		40
Pentachlorophenol	34		37		9-103	8		40
Hexachlorobenzene	74		79		40-140	7		40
Hexachloroethane	62		66		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1039522-2 WG1039522-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	33		34		21-120
Phenol-d6	24		25		10-120
Nitrobenzene-d5	62		67		23-120
2-Fluorobiphenyl	60		67		15-120
2,4,6-Tribromophenol	75		81		10-120
4-Terphenyl-d14	47		49		41-149

PCBS

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
Client ID: SB07_0-2
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/08/17 06:35
Analyst: JA
Percent Solids: 92%

Date Collected: 09/05/17 14:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 10:36
Cleanup Method: EPA 3665A
Cleanup Date: 09/07/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	4.05	1	A
Aroclor 1221	ND		ug/kg	35.7	5.44	1	A
Aroclor 1232	ND		ug/kg	35.7	3.52	1	A
Aroclor 1242	ND		ug/kg	35.7	4.37	1	A
Aroclor 1248	ND		ug/kg	35.7	4.01	1	A
Aroclor 1254	ND		ug/kg	35.7	2.92	1	A
Aroclor 1260	ND		ug/kg	35.7	3.73	1	A
Aroclor 1262	ND		ug/kg	35.7	2.94	1	A
Aroclor 1268	ND		ug/kg	35.7	2.53	1	A
PCBs, Total	ND		ug/kg	35.7	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
Client ID: FB01_090617
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/08/17 09:58
Analyst: HT

Date Collected: 09/06/17 15:15
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:59
Cleanup Method: EPA 3665A
Cleanup Date: 09/08/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
Client ID: SB05_6-7
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/08/17 06:49
Analyst: JA
Percent Solids: 87%

Date Collected: 09/06/17 13:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 10:36
Cleanup Method: EPA 3665A
Cleanup Date: 09/07/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	4.27	1	A
Aroclor 1221	ND		ug/kg	37.7	5.73	1	A
Aroclor 1232	ND		ug/kg	37.7	3.70	1	A
Aroclor 1242	ND		ug/kg	37.7	4.61	1	A
Aroclor 1248	ND		ug/kg	37.7	4.22	1	A
Aroclor 1254	ND		ug/kg	37.7	3.07	1	A
Aroclor 1260	ND		ug/kg	37.7	3.93	1	A
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	ND		ug/kg	37.7	2.67	1	A
PCBs, Total	ND		ug/kg	37.7	2.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 09/08/17 02:29
 Analyst: JA

Extraction Method: EPA 3546
 Extraction Date: 09/07/17 09:36
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/07/17
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04,09 Batch: WG1039279-1						
Aroclor 1016	ND		ug/kg	33.0	3.74	A
Aroclor 1221	ND		ug/kg	33.0	5.02	A
Aroclor 1232	ND		ug/kg	33.0	3.24	A
Aroclor 1242	ND		ug/kg	33.0	4.03	A
Aroclor 1248	ND		ug/kg	33.0	3.70	A
Aroclor 1254	ND		ug/kg	33.0	2.69	A
Aroclor 1260	ND		ug/kg	33.0	3.44	A
Aroclor 1262	ND		ug/kg	33.0	2.71	A
Aroclor 1268	ND		ug/kg	33.0	2.33	A
PCBs, Total	ND		ug/kg	33.0	2.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 09/13/17 01:04
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 09/07/17 20:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/08/17
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/08/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1039526-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04,09 Batch: WG1039279-2 WG1039279-3									
Aroclor 1016	72		77		40-140	7		50	A
Aroclor 1260	71		76		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		81		30-150	A
Decachlorobiphenyl	72		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		91		30-150	B
Decachlorobiphenyl	81		89		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1039526-2 WG1039526-3									
Aroclor 1016	76		84		40-140	11		50	A
Aroclor 1260	65		71		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		86		30-150	A
Decachlorobiphenyl	61		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		82		30-150	B
Decachlorobiphenyl	62		55		30-150	B

PESTICIDES

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
Client ID: SB07_0-2
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/11/17 15:16
Analyst: DM
Percent Solids: 92%

Date Collected: 09/05/17 14:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 10:26
Cleanup Method: EPA 3620B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.307	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.928	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	3.39	PI	ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
Methoxychlor	ND		ug/kg	3.10	0.963	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.4	5.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	131		30-150	A

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
 Client ID: FB01_090617
 Sample Location: BRONX, NY
 Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 09/11/17 18:21
 Analyst: KEG

Date Collected: 09/06/17 15:15
 Date Received: 09/06/17
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/08/17 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
Client ID: SB05_6-7
Sample Location: BRONX, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/11/17 15:29
Analyst: DM
Percent Solids: 87%

Date Collected: 09/06/17 13:00
Date Received: 09/06/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/07/17 10:26
Cleanup Method: EPA 3620B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.767	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	3.29	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.2	5.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/11/17 15:03
Analyst: DM

Extraction Method: EPA 3546
Extraction Date: 09/07/17 09:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,09 Batch: WG1039281-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.879	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.977	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	2.93	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.912	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.95	0.545	A
trans-Chlordane	ND		ug/kg	1.95	0.516	A
Chlordane	ND		ug/kg	12.7	5.18	A

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 09/11/17 15:03
Analyst: DM

Extraction Method: EPA 3546
Extraction Date: 09/07/17 09:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,09 Batch: WG1039281-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/11/17 17:28
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 09/08/17 02:52

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1039570-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/11/17 17:28
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 09/08/17 02:52

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1039570-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,09 Batch: WG1039281-2 WG1039281-3									
Delta-BHC	121		118		30-150	3		30	A
Lindane	114		111		30-150	3		30	A
Alpha-BHC	132		128		30-150	3		30	A
Beta-BHC	131		124		30-150	5		30	A
Heptachlor	114		111		30-150	3		30	A
Aldrin	121		118		30-150	3		30	A
Heptachlor epoxide	114		112		30-150	2		30	A
Endrin	109		109		30-150	0		30	A
Endrin aldehyde	54		62		30-150	14		30	A
Endrin ketone	71		72		30-150	1		30	A
Dieldrin	124		125		30-150	1		30	A
4,4'-DDE	123		122		30-150	1		30	A
4,4'-DDD	113		113		30-150	0		30	A
4,4'-DDT	100		103		30-150	3		30	A
Endosulfan I	116		116		30-150	0		30	A
Endosulfan II	102		102		30-150	0		30	A
Endosulfan sulfate	64		65		30-150	2		30	A
Methoxychlor	85		87		30-150	2		30	A
cis-Chlordane	104		99		30-150	5		30	A
trans-Chlordane	98		98		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,09 Batch: WG1039281-2 WG1039281-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		86		30-150	B
Decachlorobiphenyl	89		63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		96		30-150	A
Decachlorobiphenyl	73		74		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1039570-2 WG1039570-3									
Delta-BHC	159	Q	132		30-150	19		20	A
Lindane	138		117		30-150	16		20	A
Alpha-BHC	149		126		30-150	17		20	A
Beta-BHC	134		112		30-150	18		20	A
Heptachlor	117		107		30-150	9		20	A
Aldrin	111		102		30-150	8		20	A
Heptachlor epoxide	136		116		30-150	16		20	A
Endrin	145		122		30-150	17		20	A
Endrin aldehyde	116		98		30-150	17		20	A
Endrin ketone	132		111		30-150	17		20	A
Dieldrin	148		125		30-150	17		20	A
4,4'-DDE	135		115		30-150	16		20	A
4,4'-DDD	131		110		30-150	17		20	A
4,4'-DDT	143		122		30-150	16		20	A
Endosulfan I	137		117		30-150	16		20	A
Endosulfan II	129		108		30-150	18		20	A
Endosulfan sulfate	136		114		30-150	18		20	A
Methoxychlor	140		121		30-150	15		20	A
cis-Chlordane	130		111		30-150	16		20	A
trans-Chlordane	130		112		30-150	15		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1039570-2 WG1039570-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	135		118		30-150	A
Decachlorobiphenyl	133		107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	129		111		30-150	B
Decachlorobiphenyl	120		98		30-150	B

METALS

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01
 Client ID: SB04_6-7
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 09/05/17 17:45
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8630		mg/kg	8.50	2.29	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.25	0.323	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Arsenic, Total	2.79		mg/kg	0.850	0.177	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Barium, Total	37.8		mg/kg	0.850	0.148	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Beryllium, Total	0.314	J	mg/kg	0.425	0.028	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Cadmium, Total	0.374	J	mg/kg	0.850	0.083	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Calcium, Total	2600		mg/kg	8.50	2.97	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Chromium, Total	10.6		mg/kg	0.850	0.082	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Cobalt, Total	5.87		mg/kg	1.70	0.141	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Copper, Total	13.3		mg/kg	0.850	0.219	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Iron, Total	15600		mg/kg	4.25	0.767	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Lead, Total	40.7		mg/kg	4.25	0.228	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Magnesium, Total	3140		mg/kg	8.50	1.31	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Manganese, Total	260		mg/kg	0.850	0.135	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Mercury, Total	0.08		mg/kg	0.07	0.01	1	09/07/17 07:30	09/07/17 17:42	EPA 7471B	1,7471B	EA
Nickel, Total	12.4		mg/kg	2.12	0.206	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Potassium, Total	370		mg/kg	212	12.2	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.70	0.219	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.850	0.240	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Sodium, Total	146	J	mg/kg	170	2.68	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.70	0.268	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Vanadium, Total	13.8		mg/kg	0.850	0.172	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS
Zinc, Total	49.7		mg/kg	4.25	0.249	2	09/07/17 19:27	09/12/17 14:08	EPA 3050B	1,6010C	PS



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-02
 Client ID: SB08_23-24
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 62%

Date Collected: 09/05/17 17:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7710		mg/kg	12.3	3.32	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	6.15	0.467	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Arsenic, Total	4.87		mg/kg	1.23	0.256	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Barium, Total	87.0		mg/kg	1.23	0.214	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Beryllium, Total	0.344	J	mg/kg	0.615	0.041	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Cadmium, Total	0.529	J	mg/kg	1.23	0.120	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Calcium, Total	6610		mg/kg	12.3	4.30	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Chromium, Total	15.8		mg/kg	1.23	0.118	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Cobalt, Total	5.92		mg/kg	2.46	0.204	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Copper, Total	40.3		mg/kg	1.23	0.317	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Iron, Total	16600		mg/kg	6.15	1.11	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Lead, Total	691		mg/kg	6.15	0.330	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Magnesium, Total	3490		mg/kg	12.3	1.89	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Manganese, Total	171		mg/kg	1.23	0.196	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Mercury, Total	1.0		mg/kg	0.10	0.02	1	09/07/17 07:30	09/07/17 17:44	EPA 7471B	1,7471B	EA
Nickel, Total	12.5		mg/kg	3.07	0.298	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Potassium, Total	1240		mg/kg	307	17.7	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	2.46	0.317	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	1.23	0.348	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Sodium, Total	157	J	mg/kg	246	3.87	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.46	0.387	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Vanadium, Total	17.3		mg/kg	1.23	0.250	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS
Zinc, Total	112		mg/kg	6.15	0.360	2	09/07/17 19:27	09/12/17 14:13	EPA 3050B	1,6010C	PS



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-04
 Client ID: SB07_0-2
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 92%

Date Collected: 09/05/17 14:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7330		mg/kg	8.64	2.33	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Antimony, Total	0.398	J	mg/kg	4.32	0.328	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Arsenic, Total	5.18		mg/kg	0.864	0.180	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Barium, Total	50.7		mg/kg	0.864	0.150	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Beryllium, Total	0.337	J	mg/kg	0.432	0.029	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Cadmium, Total	0.735	J	mg/kg	0.864	0.085	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Calcium, Total	937		mg/kg	8.64	3.02	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Chromium, Total	11.9		mg/kg	0.864	0.083	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Cobalt, Total	5.64		mg/kg	1.73	0.143	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Copper, Total	20.6		mg/kg	0.864	0.223	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Iron, Total	24300		mg/kg	4.32	0.780	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Lead, Total	227		mg/kg	4.32	0.232	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Magnesium, Total	2210		mg/kg	8.64	1.33	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Manganese, Total	318		mg/kg	0.864	0.137	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Mercury, Total	0.11		mg/kg	0.07	0.01	1	09/07/17 07:30	09/07/17 17:46	EPA 7471B	1,7471B	EA
Nickel, Total	11.8		mg/kg	2.16	0.209	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Potassium, Total	542		mg/kg	216	12.4	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.73	0.223	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.864	0.244	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Sodium, Total	81.5	J	mg/kg	173	2.72	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.73	0.272	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Vanadium, Total	16.3		mg/kg	0.864	0.175	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS
Zinc, Total	84.5		mg/kg	4.32	0.253	2	09/07/17 19:27	09/12/17 15:19	EPA 3050B	1,6010C	PS



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-05
 Client ID: FB01_090617
 Sample Location: BRONX, NY
 Matrix: Water

Date Collected: 09/06/17 15:15
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Barium, Total	0.00045	J	mg/l	0.00100	0.00017	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Calcium, Total	0.0492	J	mg/l	0.100	0.0394	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Chromium, Total	0.00056	J	mg/l	0.00100	0.00017	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/07/17 15:53	09/08/17 00:16	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Sodium, Total	0.245		mg/l	0.100	0.0293	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/11/17 14:31	09/12/17 13:52	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-07
 Client ID: SB06_23-23.5
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 09/06/17 10:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5700		mg/kg	9.06	2.45	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.53	0.344	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Arsenic, Total	0.480	J	mg/kg	0.906	0.188	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Barium, Total	12.8		mg/kg	0.906	0.158	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Beryllium, Total	0.263	J	mg/kg	0.453	0.030	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Cadmium, Total	0.263	J	mg/kg	0.906	0.089	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Calcium, Total	498		mg/kg	9.06	3.17	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Chromium, Total	8.73		mg/kg	0.906	0.087	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Cobalt, Total	4.52		mg/kg	1.81	0.150	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Copper, Total	8.94		mg/kg	0.906	0.234	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Iron, Total	11200		mg/kg	4.53	0.818	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Lead, Total	11.5		mg/kg	4.53	0.243	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Magnesium, Total	2050		mg/kg	9.06	1.40	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Manganese, Total	120		mg/kg	0.906	0.144	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Mercury, Total	0.31		mg/kg	0.07	0.02	1	09/07/17 07:30	09/07/17 17:48	EPA 7471B	1,7471B	EA
Nickel, Total	8.75		mg/kg	2.26	0.219	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Potassium, Total	493		mg/kg	226	13.0	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.81	0.234	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.906	0.256	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Sodium, Total	102	J	mg/kg	181	2.85	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.81	0.285	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Vanadium, Total	13.2		mg/kg	0.906	0.184	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS
Zinc, Total	19.4		mg/kg	4.53	0.266	2	09/07/17 19:27	09/12/17 15:23	EPA 3050B	1,6010C	PS



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-09
 Client ID: SB05_6-7
 Sample Location: BRONX, NY
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 09/06/17 13:00
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5800		mg/kg	8.97	2.42	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.49	0.341	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Arsenic, Total	6.02		mg/kg	0.897	0.187	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Barium, Total	251		mg/kg	0.897	0.156	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Beryllium, Total	0.224	J	mg/kg	0.449	0.030	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Cadmium, Total	0.314	J	mg/kg	0.897	0.088	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Calcium, Total	86800		mg/kg	89.7	31.4	20	09/07/17 19:27	09/12/17 17:13	EPA 3050B	1,6010C	PS
Chromium, Total	10.2		mg/kg	0.897	0.086	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Cobalt, Total	3.99		mg/kg	1.79	0.149	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Copper, Total	15.5		mg/kg	0.897	0.231	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Iron, Total	7960		mg/kg	4.49	0.810	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Lead, Total	574		mg/kg	4.49	0.240	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Magnesium, Total	3160		mg/kg	8.97	1.38	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Manganese, Total	249		mg/kg	0.897	0.143	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.07	0.02	1	09/07/17 07:30	09/07/17 17:50	EPA 7471B	1,7471B	EA
Nickel, Total	9.10		mg/kg	2.24	0.217	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Potassium, Total	672		mg/kg	224	12.9	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Selenium, Total	2.52		mg/kg	1.79	0.231	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.897	0.254	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Sodium, Total	274		mg/kg	179	2.83	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.79	0.283	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Vanadium, Total	14.1		mg/kg	0.897	0.182	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS
Zinc, Total	280		mg/kg	4.49	0.263	2	09/07/17 19:27	09/12/17 15:28	EPA 3050B	1,6010C	PS



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,07,09 Batch: WG1039194-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	09/07/17 07:30	09/07/17 12:00	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1039434-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	09/07/17 15:53	09/08/17 00:01	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,07,09 Batch: WG1039483-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Antimony, Total	ND	mg/kg	2.00	0.152	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Arsenic, Total	ND	mg/kg	0.400	0.083	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Barium, Total	ND	mg/kg	0.400	0.070	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Beryllium, Total	ND	mg/kg	0.200	0.013	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Cadmium, Total	ND	mg/kg	0.400	0.039	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Calcium, Total	ND	mg/kg	4.00	1.40	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Chromium, Total	ND	mg/kg	0.400	0.038	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Cobalt, Total	ND	mg/kg	0.800	0.066	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Copper, Total	ND	mg/kg	0.400	0.103	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Iron, Total	ND	mg/kg	2.00	0.361	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Lead, Total	ND	mg/kg	2.00	0.107	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Magnesium, Total	ND	mg/kg	4.00	0.616	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Manganese, Total	1.59	mg/kg	0.400	0.064	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Nickel, Total	ND	mg/kg	1.00	0.097	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Potassium, Total	ND	mg/kg	100	5.76	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis Batch Quality Control

Selenium, Total	ND		mg/kg	0.800	0.103	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Sodium, Total	1.37	J	mg/kg	80.0	1.26	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/07/17 19:27	09/12/17 13:35	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1040374-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Barium, Total	ND		mg/l	0.00100	0.00017	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/11/17 14:31	09/12/17 12:59	1,6020A	AM

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039194-2 SRM Lot Number: D093-540								
Mercury, Total	80		-		72-128	-		
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1039434-2								
Mercury, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039483-2 SRM Lot Number: D093-540					
Aluminum, Total	77	-	55-146	-	
Antimony, Total	149	-	2-204	-	
Arsenic, Total	104	-	70-130	-	
Barium, Total	93	-	83-117	-	
Beryllium, Total	94	-	83-117	-	
Cadmium, Total	96	-	83-117	-	
Calcium, Total	92	-	83-117	-	
Chromium, Total	94	-	80-120	-	
Cobalt, Total	96	-	84-116	-	
Copper, Total	96	-	82-118	-	
Iron, Total	99	-	47-153	-	
Lead, Total	93	-	82-117	-	
Magnesium, Total	83	-	77-124	-	
Manganese, Total	95	-	81-119	-	
Nickel, Total	94	-	83-117	-	
Potassium, Total	85	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	98	-	76-124	-	
Sodium, Total	96	-	72-128	-	
Thallium, Total	94	-	79-121	-	
Vanadium, Total	98	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 Batch: WG1039483-2 SRM Lot Number: D093-540					
Zinc, Total	98	-	83-117	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1040374-2					
Aluminum, Total	118	-	80-120	-	
Antimony, Total	114	-	80-120	-	
Arsenic, Total	115	-	80-120	-	
Barium, Total	112	-	80-120	-	
Beryllium, Total	107	-	80-120	-	
Cadmium, Total	116	-	80-120	-	
Calcium, Total	116	-	80-120	-	
Chromium, Total	115	-	80-120	-	
Cobalt, Total	107	-	80-120	-	
Copper, Total	114	-	80-120	-	
Iron, Total	114	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	106	-	80-120	-	
Manganese, Total	112	-	80-120	-	
Nickel, Total	110	-	80-120	-	
Potassium, Total	119	-	80-120	-	
Selenium, Total	115	-	80-120	-	
Silver, Total	111	-	80-120	-	
Sodium, Total	95	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	114	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & 146 STREET**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1040374-2					
Zinc, Total	119	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

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 - Mansfield Lab Associated sample(s): 01-02,04,07,09 QC Batch ID: WG1039194-3 QC Sample: L1731200-01 Client ID: MS Sample												
Mercury, Total	0.58	0.143	0.49	0	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1039434-3 QC Sample: L1731378-09 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00491	98		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 QC Batch ID: WG1039483-3 WG1039483-4 QC Sample: L1731356-09 Client ID: MS Sample											
Aluminum, Total	6000	181	6560	309	Q	6920	518	Q	75-125	5	20
Antimony, Total	6.29	45.3	42.7	80		43.6	84		75-125	2	20
Arsenic, Total	8.43	10.9	18.4	92		23.2	139	Q	75-125	23	Q 20
Barium, Total	356.	181	489	73	Q	524	95		75-125	7	20
Beryllium, Total	0.321J	4.53	4.45	98		4.44	100		75-125	0	20
Cadmium, Total	6.85	4.62	9.94	67	Q	12.1	116		75-125	20	20
Calcium, Total	29300	906	41000	1290	Q	24000	0	Q	75-125	52	Q 20
Chromium, Total	23.8	18.1	54.1	167	Q	48.6	140	Q	75-125	11	20
Cobalt, Total	6.00	45.3	45.4	87		46.6	91		75-125	3	20
Copper, Total	352.	22.6	312	0	Q	488	613	Q	75-125	44	Q 20
Iron, Total	19400	90.6	18300	0	Q	24800	6080	Q	75-125	30	Q 20
Lead, Total	823.	46.2	750	0	Q	1220	877	Q	75-125	48	Q 20
Magnesium, Total	3600	906	10200	728	Q	3800	22	Q	75-125	91	Q 20
Manganese, Total	232.	45.3	264	71	Q	308	171	Q	75-125	15	20
Nickel, Total	36.2	45.3	74.4	84		98.7	141	Q	75-125	28	Q 20
Potassium, Total	651.	906	1540	98		1630	110		75-125	6	20
Selenium, Total	0.605J	10.9	10.8	99		11.2	105		75-125	4	20
Silver, Total	0.578J	27.2	27.4	101		27.0	101		75-125	1	20
Sodium, Total	238.	906	1150	101		1120	99		75-125	3	20
Thallium, Total	ND	10.9	7.27	67	Q	7.37	69	Q	75-125	1	20
Vanadium, Total	27.4	45.3	72.3	99		79.2	117		75-125	9	20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits			
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 QC Batch ID: WG1039483-3 WG1039483-4 QC Sample: L1731356-09 Client ID: MS Sample												
Zinc, Total	1240	45.3	1020	0	Q	1500	586	Q	75-125	38	Q	20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731335
Report Date: 09/14/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1040374-3 WG1040374-4 QC Sample: L1731615-03 Client ID: MS Sample									
Aluminum, Total	0.0882	2	2.25	108	2.42	116	75-125	7	20
Antimony, Total	0.00047J	0.5	0.5244	105	0.5756	115	75-125	9	20
Arsenic, Total	0.00027J	0.12	0.1300	108	0.1350	112	75-125	4	20
Barium, Total	0.03897	2	2.132	105	2.290	112	75-125	7	20
Beryllium, Total	ND	0.05	0.05350	107	0.05211	104	75-125	3	20
Cadmium, Total	0.00012J	0.051	0.05646	111	0.06058	119	75-125	7	20
Calcium, Total	108.	10	119	110	128	200	Q 75-125	7	20
Chromium, Total	0.00134	0.2	0.2149	107	0.2340	116	75-125	9	20
Cobalt, Total	0.00281	0.5	0.4874	97	0.5314	106	75-125	9	20
Copper, Total	0.00193	0.25	0.2696	107	0.2820	112	75-125	4	20
Iron, Total	0.0885	1	1.09	100	1.28	119	75-125	16	20
Lead, Total	ND	0.51	0.5150	101	0.5548	109	75-125	7	20
Magnesium, Total	7.79	10	17.5	97	18.4	106	75-125	5	20
Manganese, Total	0.00468	0.5	0.5194	103	0.5497	109	75-125	6	20
Nickel, Total	0.00414	0.5	0.5076	101	0.5489	109	75-125	8	20
Potassium, Total	7.62	10	18.4	108	19.2	116	75-125	4	20
Selenium, Total	0.00877	0.12	0.142	111	0.157	124	75-125	10	20
Silver, Total	ND	0.05	0.05094	102	0.05438	109	75-125	7	20
Sodium, Total	60.9	10	67.8	69	Q 74.0	131	Q 75-125	9	20
Thallium, Total	ND	0.12	0.1153	96	0.1214	101	75-125	5	20
Vanadium, Total	ND	0.5	0.5320	106	0.5730	115	75-125	7	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1040374-3 WG1040374-4 QC Sample: L1731615-03 Client ID: MS Sample									
Zinc, Total	0.00502J	0.5	0.5511	110	0.5814	116	75-125	5	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,07,09 QC Batch ID: WG1039194-4 QC Sample: L1731200-01 Client ID: DUP Sample						
Mercury, Total	0.58	0.50	mg/kg	15		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1039434-4 QC Sample: L1731378-09 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731335

Project Number: 170487001

Report Date: 09/14/17

SAMPLE RESULTS

Lab ID: L1731335-01

Date Collected: 09/05/17 17:45

Client ID: SB04_6-7

Date Received: 09/06/17

Sample Location: BRONX, 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	93.2		%	0.100	NA	1	-	09/07/17 11:23	121,2540G	RI



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17**SAMPLE RESULTS**

Lab ID: L1731335-02

Date Collected: 09/05/17 17:00

Client ID: SB08_23-24

Date Received: 09/06/17

Sample Location: BRONX, 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	62.4		%	0.100	NA	1	-	09/07/17 11:23	121,2540G	RI



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17**SAMPLE RESULTS****Lab ID:** L1731335-04**Date Collected:** 09/05/17 14:00**Client ID:** SB07_0-2**Date Received:** 09/06/17**Sample Location:** BRONX, 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	91.9		%	0.100	NA	1	-	09/07/17 11:23	121,2540G	RI



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17**SAMPLE RESULTS****Lab ID:** L1731335-07**Date Collected:** 09/06/17 10:00**Client ID:** SB06_23-23.5**Date Received:** 09/06/17**Sample Location:** BRONX, 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	86.4		%	0.100	NA	1	-	09/07/17 11:23	121,2540G	RI



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17**SAMPLE RESULTS****Lab ID:** L1731335-09**Date Collected:** 09/06/17 13:00**Client ID:** SB05_6-7**Date Received:** 09/06/17**Sample Location:** BRONX, 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	86.6		%	0.100	NA	1	-	09/07/17 11:23	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731335

Report Date: 09/14/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,07,09 QC Batch ID: WG1039309-1 QC Sample: L1731338-01 Client ID: DUP Sample						
Solids, Total	91.5	92.0	%	1		20

Project Name: GERARD AVE & 146 STREET
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731335-01A	Vial MeOH preserved	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1731335-01B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-01C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-01D	Glass 60ml unpreserved split	A	NA		4.6	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)
L1731335-01E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1731335-01F	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L1731335-02A	Vial MeOH preserved	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1731335-02B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-02C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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)
L1731335-02E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1731335-02F	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L1731335-03A	Vial MeOH preserved	A	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L1731335-03B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	HOLD-8260HLW(14)
L1731335-03C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	HOLD-8260HLW(14)
L1731335-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L1731335-03E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		HOLD-8270(14)
L1731335-03F	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-8270(14)

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Serial_No:09141715:13
Lab Number: L1731335
Report Date: 09/14/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731335-04A	Vial MeOH preserved	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1731335-04B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-04C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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)
L1731335-04E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1731335-04F	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1731335-05A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1731335-05B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1731335-05C	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1731335-05D	Plastic 250ml HNO3 preserved	A	<2	<2	4.6	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)
L1731335-05E	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L1731335-05F	Amber 500ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8081(7)
L1731335-05G	Amber 1000ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731335-05H	Amber 1000ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731335-05I	Amber 1000ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-1200ML(7)
L1731335-05J	Amber 1000ml unpreserved	A	7	7	4.6	Y	Absent		NYTCL-8082-1200ML(7)
L1731335-06A	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1731335-06B	Vial HCl preserved	A	NA		4.6	Y	Absent		NYTCL-8260(14)
L1731335-07A	Vial MeOH preserved	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1731335-07B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-07C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731335-07D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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)
L1731335-07E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1731335-07F	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L1731335-08A	Vial MeOH preserved	A	NA		4.6	Y	Absent		HOLD-8260HLW(14)
L1731335-08B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	HOLD-8260HLW(14)
L1731335-08C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	HOLD-8260HLW(14)
L1731335-08D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L1731335-08E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		HOLD-8270(14)
L1731335-08F	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-8270(14)
L1731335-09A	Vial MeOH preserved	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1731335-09B	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-09C	Vial water preserved	A	NA		4.6	Y	Absent	07-SEP-17 04:04	NYTCL-8260HLW(14)
L1731335-09D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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)
L1731335-09E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1731335-09F	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

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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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

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Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.



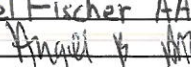
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Block 2354 - lots 20+12

 ALPHA <small>ANALYTICAL</small>	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1	Date Rec'd in Lab 09/06/17	ALPHA Job # 21731335																																																																																																															
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information Project Name: <u>Genova Ave & 146 Street</u> Project Location: <u>Bronx, NY</u> Project # <u>170487001</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																													
Client Information Client: <u>LANGAN</u> Address: <u>300 West 31st St</u> <u>NEW YORK, NY 10001</u> Phone: <u>212 479 5400</u> Fax: <u>212 479 5444</u> Email: <u>mrogers@langan.com</u>		Project Manager: <u>Michelle Rogers</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																															
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">VOCs</th> <th rowspan="2">SVOCs</th> <th rowspan="2">Metals</th> <th rowspan="2">PCBs/Pestic</th> <th rowspan="2">Total Bottle</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>31335-01</td> <td>SB04-6-7</td> <td>9/6/17</td> <td>1745</td> <td>S</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>SB08-23-24</td> <td></td> <td>1700</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>SB08-0-2</td> <td></td> <td>1655</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>SB07-0-2</td> <td></td> <td>1400</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>05</td> <td>FB01-090617</td> <td>9/6/17</td> <td>1515</td> <td>AQ</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>FB02-090617</td> <td></td> <td>-</td> <td>AQ</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>SB06-23-23.5</td> <td></td> <td>1000</td> <td>S</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>SB06-11-12</td> <td></td> <td>1005</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>09</td> <td>SB05-6-7</td> <td></td> <td>1300</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </tbody> </table>				ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOCs	SVOCs	Metals	PCBs/Pestic	Total Bottle	Date	Time	31335-01	SB04-6-7	9/6/17	1745	S		X	X	X			02	SB08-23-24		1700			X	X	X			03	SB08-0-2		1655			X	X	X			04	SB07-0-2		1400			X	X	X	X		05	FB01-090617	9/6/17	1515	AQ		X	X	X			06	FB02-090617		-	AQ		X					07	SB06-23-23.5		1000	S		X	X	X			08	SB06-11-12		1005			X	X	X			09	SB05-6-7		1300			X	X	X	X		Sample Specific Comments HOLD ANALYSIS HOLD ANALYSIS	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		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. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																													
Reinquished By:  Daniel Fischer AAL 		Date/Time 9/6/17 15:50 9/6/17 17:55 9/6 22:00		Received By: Daniel Fischer AAL APB-AA Annelle Watt		Date/Time 9/6/17 15:50 9/6/17 9/6/17 22:00																																																																																																															



ANALYTICAL REPORT

Lab Number:	L1731370
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & 146 STREET
Project Number:	170487001
Report Date:	09/13/17

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731370-01	SV06_090617	SOIL_VAPOR	BRONX, NY	09/06/17 15:35	09/06/17
L1731370-02	SV08_090617	SOIL_VAPOR	BRONX, NY	09/06/17 15:37	09/06/17

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 5, 2017. The canister certification results are provided as an addendum.

L1731370-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1731370-01 results for Acetone should be considered estimated due to co-elution with a non-target peak.

L1731370-01 The presence of 2,2,4-Trimethylpentane could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

L1731370-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

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: 09/13/17

AIR

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

SAMPLE RESULTS

Lab ID: L1731370-01 D
 Client ID: SV06_090617
 Sample Location: BRONX, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/12/17 22:16
 Analyst: MB

Date Collected: 09/06/17 15:35
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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	1.08	0.667	--	2.39	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethanol	ND	16.7	--	ND	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	46.6	3.33	--	111	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
Isopropanol	1.98	1.67	--	4.87	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Tertiary butyl Alcohol	29.9	1.67	--	90.6	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	20.2	0.667	--	62.9	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
2-Butanone	28.2	1.67	--	83.2	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731370**Project Number:** 170487001**Report Date:** 09/13/17**SAMPLE RESULTS**

Lab ID: L1731370-01 D

Date Collected: 09/06/17 15:35

Client ID: SV06_090617

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	1.64	0.667	--	8.01	3.26	--		3.333
Tetrahydrofuran	ND	1.67	--	ND	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	264	0.667	--	930	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	5.93	0.667	--	18.9	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	150	0.667	--	516	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	128	0.667	--	525	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--		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	12.3	0.667	--	46.4	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	1.68	0.667	--	11.4	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	2.93	0.667	--	12.7	2.90	--		3.333
p/m-Xylene	9.83	1.33	--	42.7	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	1.21	0.667	--	5.15	2.84	--		3.333



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731370**Project Number:** 170487001**Report Date:** 09/13/17**SAMPLE RESULTS**

Lab ID: L1731370-01 D

Date Collected: 09/06/17 15:35

Client ID: SV06_090617

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	5.13	0.667	--	22.3	2.90	--		3.333
4-Ethyltoluene	1.23	0.667	--	6.05	3.28	--		3.333
1,3,5-Trimethylbenzene	1.82	0.667	--	8.95	3.28	--		3.333
1,2,4-Trimethylbenzene	6.60	0.667	--	32.4	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	81		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	75		60-140



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

SAMPLE RESULTS

Lab ID: L1731370-02 D
 Client ID: SV08_090617
 Sample Location: BRONX, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/12/17 23:17
 Analyst: MB

Date Collected: 09/06/17 15:37
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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	ND	12.5	--	ND	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	42.9	2.50	--	102	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
Tertiary butyl Alcohol	21.8	1.25	--	66.1	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	ND	0.500	--	ND	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
2-Butanone	22.8	1.25	--	67.2	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

SAMPLE RESULTS

Lab ID: L1731370-02 D
 Client ID: SV08_090617
 Sample Location: BRONX, NY

Date Collected: 09/06/17 15:37
 Date Received: 09/06/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.842	0.500	--	4.11	2.44	--		2.5
Tetrahydrofuran	1.44	1.25	--	4.25	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	5.40	0.500	--	19.0	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	1.27	0.500	--	4.06	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	3.02	0.500	--	10.4	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	8.82	0.500	--	41.2	2.34	--		2.5
Heptane	4.81	0.500	--	19.7	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		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	9.09	0.500	--	34.3	1.88	--		2.5
2-Hexanone	11.2	0.500	--	45.9	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	1.46	0.500	--	9.90	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	2.35	0.500	--	10.2	2.17	--		2.5
p/m-Xylene	7.91	1.00	--	34.4	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	0.875	0.500	--	3.73	2.13	--		2.5



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731370**Project Number:** 170487001**Report Date:** 09/13/17**SAMPLE RESULTS**

Lab ID: L1731370-02 D

Date Collected: 09/06/17 15:37

Client ID: SV08_090617

Date Received: 09/06/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	4.18	0.500	--	18.2	2.17	--		2.5
4-Ethyltoluene	1.03	0.500	--	5.06	2.46	--		2.5
1,3,5-Trimethylbenzene	1.42	0.500	--	6.98	2.46	--		2.5
1,2,4-Trimethylbenzene	4.79	0.500	--	23.5	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	89		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/12/17 13:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1040959-4								
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	5.00	--	ND	9.42	--		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
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/12/17 13:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1040959-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	2.05	--		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

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/12/17 13:22

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1040959-4								
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
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: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1040959-3								
Chlorodifluoromethane	85		-		70-130	-		
Propylene	105		-		70-130	-		
Propane	87		-		70-130	-		
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	95		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	97		-		70-130	-		
Methanol	87		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	102		-		70-130	-		
Butane	82		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethyl Alcohol	90		-		70-130	-		
Dichlorofluoromethane	87		-		70-130	-		
Vinyl bromide	94		-		70-130	-		
Acrolein	87		-		70-130	-		
Acetone	96		-		70-130	-		
Acetonitrile	85		-		70-130	-		
Trichlorofluoromethane	96		-		70-130	-		
iso-Propyl Alcohol	101		-		70-130	-		
Acrylonitrile	95		-		70-130	-		
Pentane	86		-		70-130	-		
Ethyl ether	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731370

Report Date: 09/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1040959-3								
1,1-Dichloroethene	96		-		70-130	-		
tert-Butyl Alcohol	91		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	95		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	84		-		70-130	-		
Methyl tert butyl ether	87		-		70-130	-		
Vinyl acetate	97		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		
Ethyl Acetate	104		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
2,2-Dichloropropane	89		-		70-130	-		
1,2-Dichloroethane	96		-		70-130	-		
n-Hexane	96		-		70-130	-		
Isopropyl Ether	88		-		70-130	-		
Ethyl-Tert-Butyl-Ether	88		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
1,1-Dichloropropene	92		-		70-130	-		
Benzene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1040959-3								
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	96		-		70-130	-		
Tertiary-Amyl Methyl Ether	88		-		70-130	-		
Dibromomethane	91		-		70-130	-		
1,2-Dichloropropane	96		-		70-130	-		
Bromodichloromethane	99		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Methyl Methacrylate	115		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	95		-		70-130	-		
1,3-Dichloropropane	90		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	98		-		70-130	-		
Butyl Acetate	94		-		70-130	-		
Octane	91		-		70-130	-		
Tetrachloroethene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731370

Project Number: 170487001

Report Date: 09/13/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1040959-3								
1,1,1,2-Tetrachloroethane	90		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	97		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	101		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,1,2-Tetrachloroethane	103		-		70-130	-		
o-Xylene	101		-		70-130	-		
1,2,3-Trichloropropane	90		-		70-130	-		
Nonane (C9)	92		-		70-130	-		
Isopropylbenzene	92		-		70-130	-		
Bromobenzene	91		-		70-130	-		
o-Chlorotoluene	90		-		70-130	-		
n-Propylbenzene	89		-		70-130	-		
p-Chlorotoluene	88		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
tert-Butylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Decane (C10)	92		-		70-130	-		
Benzyl chloride	107		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731370

Report Date: 09/13/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1040959-3								
sec-Butylbenzene	93		-		70-130	-		
p-Isopropyltoluene	87		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
n-Butylbenzene	96		-		70-130	-		
1,2-Dibromo-3-chloropropane	94		-		70-130	-		
Undecane	101		-		70-130	-		
Dodecane (C12)	116		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	96		-		70-130	-		
1,2,3-Trichlorobenzene	97		-		70-130	-		
Hexachlorobutadiene	101		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731370

Report Date: 09/13/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1040959-5 QC Sample: L1731899-01 Client ID: DUP Sample						
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	9.17	8.69	ppbV	5		25
Benzene	4.80	4.52	ppbV	6		25
Trichloroethene	25.1	23.8	ppbV	5		25
Tetrachloroethene	674	651	ppbV	3		25

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Serial_No:09131715:10
Lab Number: L1731370

Report Date: 09/13/17

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
L1731370-01	SV06_090617	0954	Flow 4	09/05/17	248735		-	-	-	Pass	17.6	17.5	1
L1731370-01	SV06_090617	365	2.7L Can	09/05/17	248735	L1727243-02	Pass	-29.6	-12.6	-	-	-	-
L1731370-02	SV08_090617	0648	Flow 3	09/05/17	248735		-	-	-	Pass	18.0	19.0	5
L1731370-02	SV08_090617	406	2.7L Can	09/05/17	248735	L1720532-01	Pass	-29.3	-5.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/19/17 17:10
 Analyst: MB

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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	0.500	--	ND	0.902	--		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	5.00	--	ND	9.42	--		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	0.500	--	ND	1.09	--		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: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	1.47	--		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: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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	0.500	--	ND	2.05	--		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: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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					
unknown siloxane	1.0	J	ppbV		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID:	L1720532-01	Date Collected:	06/18/17 16:00
Client ID:	CAN 406 SHELF 3	Date Received:	06/19/17
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	88		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	84		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/19/17 17:10
 Analyst: MB

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		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	1.00	--	ND	2.38	--		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	0.500	--	ND	1.74	--		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	0.200	--	ND	0.721	--		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: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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	0.100	--	ND	0.461	--		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	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		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	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1720532
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1720532-01
 Client ID: CAN 406 SHELF 3
 Sample Location:

Date Collected: 06/18/17 16:00
 Date Received: 06/19/17
 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								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	88		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	78		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 08/08/17 11:11
 Analyst: MB

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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	0.500	--	ND	0.902	--		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	5.00	--	ND	9.42	--		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	0.500	--	ND	1.09	--		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: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	1.47	--		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: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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	0.500	--	ND	2.05	--		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: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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**Lab Number:** L1727243**Project Number:** CANISTER QC BAT**Report Date:** 09/13/17**Air Canister Certification Results**

Lab ID: L1727243-02

Date Collected: 08/04/17 16:00

Client ID: CAN 135 SHELF 9

Date Received: 08/07/17

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	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 08/07/17 17:33
 Analyst: MB

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		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	1.00	--	ND	2.38	--		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	0.500	--	ND	1.74	--		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	0.200	--	ND	0.721	--		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: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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	0.100	--	ND	0.461	--		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	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1727243
Report Date: 09/13/17

Air Canister Certification Results

Lab ID: L1727243-02
 Client ID: CAN 135 SHELF 9
 Sample Location:

Date Collected: 08/04/17 16:00
 Date Received: 08/07/17
 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-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

N/A Present/Intact

Container Information**Container ID** **Container Type**

L1731370-01A Canister - 2.7 Liter

L1731370-02A Canister - 2.7 Liter

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
N/A	N/A	N/A		Y	Absent		TO15-LL(30)
N/A	N/A	N/A		Y	Absent		TO15-LL(30)

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: Data Usability Report



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731370
Report Date: 09/13/17

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: **LANGAN**
Address: **360 West 31st St.**
New York, NY 10001
Phone: **212 479 5400**
Fax: **212 479 5444**
Email: **mrogers@langan.com**

Project Information

Project Name: **Gerard Ave @ 14th Street**
Project Location: **Bronx, NY**
Project #: **170481001**
Project Manager: **Michele Rogers**
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Date Rec'd in Lab: **9/7/17**

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)

ALPHA Job #: **L1731370**

Billing Information

Same as Client info PO #: _____

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

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)		
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15			
1370-01	SV06-090617	9/6/17	1335	1535	-29.89	-12.94	SV	VZ	2.7L	305	0954	X							
02	SV08-090617	9/6/17	1337	1537	-29.09	-5.62	SV	VZ	2.7L	400	0648	X							

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

2.7 L SUMMA

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:

[Signature]
Daniel Fischer AAL

9/6/17 15:50
9/6/17 17:55

Daniel Fischer AAL
[Signature]

9/6/17 15:50
9/6/17 02:00

[Signature]

9/7/17 05:20

[Signature]

9/7/17 05:20

JOB: L1731603 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0150: Volatiles Matrix SpikeReport - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0700: PCBs Cover Page - OK
0710: PCBs Sample Results - OK
0720: PCBs Method Blank Report - OK
0730: PCBs LCS Report - OK
0900: Pesticides Cover Page - OK
0910: Pesticides Sample Results - OK
0920: Pesticides Method Blank Report - OK
0930: Pesticides LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK



ANALYTICAL REPORT

Lab Number:	L1731603
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVENUE + EAST 146TH ST.
Project Number:	170487001
Report Date:	09/15/17

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731603-01	FB02_090717	WATER	BRONX, NEW YORK	09/07/17 15:45	09/07/17
L1731603-02	SB01_11.5-12	SOIL	BRONX, NEW YORK	09/07/17 09:50	09/07/17
L1731603-03	SB02_6-7	SOIL	BRONX, NEW YORK	09/07/17 15:35	09/07/17
L1731603-04	SB03_18-19	SOIL	BRONX, NEW YORK	09/07/17 15:40	09/07/17
L1731603-05	SB04_6-7	SOIL	BRONX, NEW YORK	09/05/17 17:45	09/07/17
L1731603-06	MW01_090717	WATER	BRONX, NEW YORK	09/07/17 13:10	09/07/17
L1731603-07	TB03_090717	WATER	BRONX, NEW YORK	09/07/17 00:00	09/07/17

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Case Narrative (continued)

Report Submission

September 15, 2017: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1731603-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (146%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L1731603-02, -03, and -04: The samples have a concentration above the reporting limit for trichloroethene that is due to suspected laboratory contamination.

Total Metals

L1731603-01: The Field Blank has concentrations above the reporting limits for aluminum, barium, calcium, iron, lead, magnesium, potassium, sodium, and zinc. The results were confirmed.

L1731603-02 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Dissolved Metals

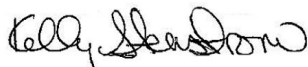
L1731603-06: Dissolved results are greater than Total results. The sample containers were verified as being labeled correctly by the laboratory.

The WG1041736-3 MS recoveries for aluminum (540%), calcium (0%), iron (700%), lead (126%), magnesium (193%) and manganese (133%), performed on L1731603-06, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1041736-3 MS recoveries, performed on L1731603-06, are outside the acceptance criteria for antimony (37%) and copper (172%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (12%) and copper (20%). This has been attributed to sample matrix.

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: 09/15/17

ORGANICS

VOLATILES

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 17:42
Analyst: AD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/14/17 10:14
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.20	1
Chloroform	ND		ug/kg	1.1	0.28	1
Carbon tetrachloride	ND		ug/kg	0.76	0.26	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.76	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	ND		ug/kg	0.76	0.23	1
Chlorobenzene	ND		ug/kg	0.76	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.32	1
1,2-Dichloroethane	ND		ug/kg	0.76	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.26	1
Bromodichloromethane	ND		ug/kg	0.76	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	0.76	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.76	0.16	1
1,1-Dichloropropene	ND		ug/kg	3.8	0.25	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.23	1
Benzene	1.1		ug/kg	0.76	0.15	1
Toluene	2.7		ug/kg	1.1	0.15	1
Ethylbenzene	34		ug/kg	0.76	0.13	1
Chloromethane	ND		ug/kg	3.8	0.33	1
Bromomethane	ND		ug/kg	1.5	0.26	1
Vinyl chloride	ND		ug/kg	1.5	0.24	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.76	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Trichloroethene	1.1		ug/kg	0.76	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.14	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.12	1
p/m-Xylene	3.3		ug/kg	1.5	0.27	1
o-Xylene	5.0		ug/kg	1.5	0.26	1
Xylenes, Total	8.3		ug/kg	1.5	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.76	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	0.76	0.18	1
Dibromomethane	ND		ug/kg	7.6	0.18	1
Styrene	1.2	J	ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	7.6	0.38	1
Acetone	28		ug/kg	7.6	1.7	1
Carbon disulfide	6.2	J	ug/kg	7.6	0.83	1
2-Butanone	ND		ug/kg	7.6	0.52	1
Vinyl acetate	ND		ug/kg	7.6	0.12	1
4-Methyl-2-pentanone	ND		ug/kg	7.6	0.18	1
1,2,3-Trichloropropane	ND		ug/kg	7.6	0.13	1
2-Hexanone	ND		ug/kg	7.6	0.50	1
Bromochloromethane	ND		ug/kg	3.8	0.27	1
2,2-Dichloropropane	ND		ug/kg	3.8	0.34	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.15	1
1,3-Dichloropropane	ND		ug/kg	3.8	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.76	0.24	1
Bromobenzene	ND		ug/kg	3.8	0.17	1
n-Butylbenzene	33		ug/kg	0.76	0.17	1
sec-Butylbenzene	20		ug/kg	0.76	0.16	1
tert-Butylbenzene	1.1	J	ug/kg	3.8	0.19	1
o-Chlorotoluene	ND		ug/kg	3.8	0.17	1
p-Chlorotoluene	ND		ug/kg	3.8	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	0.30	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.26	1
Isopropylbenzene	89		ug/kg	0.76	0.15	1
p-Isopropyltoluene	13		ug/kg	0.76	0.15	1
Naphthalene	15		ug/kg	3.8	0.10	1
Acrylonitrile	ND		ug/kg	7.6	0.39	1
n-Propylbenzene	80		ug/kg	0.76	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.16	1
1,3,5-Trimethylbenzene	1.6	J	ug/kg	3.8	0.12	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
 Client ID: SB01_11.5-12
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	22		ug/kg	3.8	0.14	1
1,4-Dioxane	ND		ug/kg	30	11.	1
p-Diethylbenzene	44		ug/kg	3.0	3.0	1
p-Ethyltoluene	110		ug/kg	3.0	0.18	1
1,2,4,5-Tetramethylbenzene	100		ug/kg	3.0	0.12	1
Ethyl ether	ND		ug/kg	3.8	0.20	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.8	0.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	146	Q	70-130
Dibromofluoromethane	93		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/14/17 10:40
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.39	1
Chloroform	ND		ug/kg	2.2	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.49	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.45	1
Tetrachloroethene	2.3		ug/kg	1.4	0.43	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.2	0.60	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.50	1
Bromodichloromethane	ND		ug/kg	1.4	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.33	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.30	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.47	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Benzene	ND		ug/kg	1.4	0.28	1
Toluene	ND		ug/kg	2.2	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.2	0.62	1
Bromomethane	ND		ug/kg	2.9	0.48	1
Vinyl chloride	ND		ug/kg	2.9	0.45	1
Chloroethane	ND		ug/kg	2.9	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.34	1
Trichloroethene	1.6		ug/kg	1.4	0.43	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.26	1

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
 Client ID: SB02_6-7
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.2	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.22	1
p/m-Xylene	ND		ug/kg	2.9	0.50	1
o-Xylene	ND		ug/kg	2.9	0.48	1
Xylenes, Total	ND		ug/kg	2.9	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.49	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.9	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.72	1
Acetone	4.5	J	ug/kg	14	3.3	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.99	1
Vinyl acetate	ND		ug/kg	14	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.2	0.51	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.64	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.46	1
Bromobenzene	ND		ug/kg	7.2	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.33	1
sec-Butylbenzene	ND		ug/kg	1.4	0.31	1
tert-Butylbenzene	ND		ug/kg	7.2	0.35	1
o-Chlorotoluene	ND		ug/kg	7.2	0.32	1
p-Chlorotoluene	ND		ug/kg	7.2	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.50	1
Isopropylbenzene	ND		ug/kg	1.4	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.29	1
Naphthalene	ND		ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	1
n-Propylbenzene	ND		ug/kg	1.4	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.2	0.23	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.27	1
1,4-Dioxane	ND		ug/kg	57	21.	1
p-Diethylbenzene	ND		ug/kg	5.7	5.7	1
p-Ethyltoluene	ND		ug/kg	5.7	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.22	1
Ethyl ether	ND		ug/kg	7.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	102		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
Client ID: SB03_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
Date Received: 09/07/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/13/17 14:15
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.27	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.34	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.30	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.24	1
1,1,1-Trichloroethane	1.0		ug/kg	1.0	0.35	1
Bromodichloromethane	ND		ug/kg	1.0	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.33	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	5.1		ug/kg	1.0	0.19	1
Toluene	0.57	J	ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.0	0.43	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.31	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	5.9		ug/kg	1.0	0.30	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18	1

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731603-04
 Client ID: SB03_18-19
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	0.42	J	ug/kg	2.0	0.35	1
o-Xylene	0.66	J	ug/kg	2.0	0.34	1
Xylenes, Total	1.1	J	ug/kg	2.0	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24	1
Dibromomethane	ND		ug/kg	10	0.24	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.50	1
Acetone	39		ug/kg	10	2.3	1
Carbon disulfide	2.1	J	ug/kg	10	1.1	1
2-Butanone	7.3	J	ug/kg	10	0.69	1
Vinyl acetate	ND		ug/kg	10	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.66	1
Bromochloromethane	ND		ug/kg	5.0	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.45	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.23	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.0	0.25	1
o-Chlorotoluene	ND		ug/kg	5.0	0.22	1
p-Chlorotoluene	ND		ug/kg	5.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.39	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.35	1
Isopropylbenzene	ND		ug/kg	1.0	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	4.2	J	ug/kg	5.0	0.14	1
Acrylonitrile	ND		ug/kg	10	0.51	1
n-Propylbenzene	ND		ug/kg	1.0	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
Client ID: SB03_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	0.39	J	ug/kg	5.0	0.18	1
1,4-Dioxane	ND		ug/kg	40	14.	1
p-Diethylbenzene	ND		ug/kg	4.0	4.0	1
p-Ethyltoluene	ND		ug/kg	4.0	0.23	1
1,2,4,5-Tetramethylbenzene	0.17	J	ug/kg	4.0	0.16	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	99		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:56
Analyst: PD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.25	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	56		ug/l	0.50	0.16	1
Toluene	21		ug/l	2.5	0.70	1
Ethylbenzene	15		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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	110		ug/l	2.5	0.70	1
o-Xylene	76		ug/l	2.5	0.70	1
Xylenes, Total	190		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	1.1	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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	5.0		ug/l	2.5	0.70	1
sec-Butylbenzene	4.4		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	51		ug/l	2.5	0.70	1
p-Isopropyltoluene	2.8		ug/l	2.5	0.70	1
Naphthalene	490	E	ug/l	2.5	0.70	1
n-Propylbenzene	44		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	13		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	96		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	11		ug/l	2.0	0.70	1
p-Ethyltoluene	47		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	27		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	80		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06 D
 Client ID: MW01_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
 Date Received: 09/07/17
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/14/17 00:41
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
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Naphthalene	550		ug/l	25	7.0	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-07
Client ID: TB03_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 00:00
Date Received: 09/07/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/13/17 11:43
Analyst: AD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731603-07
 Client ID: TB03_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 00:00
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-07
Client ID: TB03_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 00:00
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	91		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:59
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1040791-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 10:59
 Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1040791-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 09/12/17 10:59
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1040791-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 16:12
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041014-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:12
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041014-5					
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
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
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	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	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/12/17 16:12
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041014-5					
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
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	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
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	0.54
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	0.40

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/12/17 16:12
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041014-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 08:36
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1041161-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 08:36
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1041161-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/13/17 08:36
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1041161-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Tentatively Identified Compounds

Total TIC Compounds	2.61	J	ug/kg
Unknown	2.61	J	ug/kg

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/13/17 08:36
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1041161-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 09:59
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1041384-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 09:59
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1041384-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 09:59
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1041384-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	91		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 21:44
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041568-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 21:44
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041568-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 21:44
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041568-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
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

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/13/17 21:44
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1041568-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/14/17 08:28
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG1041739-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/14/17 08:28
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG1041739-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/14/17 08:28
 Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-03 Batch: WG1041739-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1040791-3 WG1040791-4								
Methylene chloride	88		87		70-130	1		20
1,1-Dichloroethane	86		87		70-130	1		20
Chloroform	86		86		70-130	0		20
Carbon tetrachloride	80		81		63-132	1		20
1,2-Dichloropropane	92		92		70-130	0		20
Dibromochloromethane	97		98		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	79		80		70-130	1		20
Chlorobenzene	88		89		75-130	1		20
Trichlorofluoromethane	77		78		62-150	1		20
1,2-Dichloroethane	98		99		70-130	1		20
1,1,1-Trichloroethane	82		82		67-130	0		20
Bromodichloromethane	90		92		67-130	2		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	95		94		70-130	1		20
1,1-Dichloropropene	84		85		70-130	1		20
Bromoform	98		99		54-136	1		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	83		84		70-130	1		20
Toluene	87		88		70-130	1		20
Ethylbenzene	87		89		70-130	2		20
Chloromethane	85		87		64-130	2		20
Bromomethane	80		80		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1040791-3 WG1040791-4								
Vinyl chloride	82		85		55-140	4		20
Chloroethane	74		70		55-138	6		20
1,1-Dichloroethene	78		78		61-145	0		20
trans-1,2-Dichloroethene	79		80		70-130	1		20
Trichloroethene	82		82		70-130	0		20
1,2-Dichlorobenzene	96		97		70-130	1		20
1,3-Dichlorobenzene	91		92		70-130	1		20
1,4-Dichlorobenzene	93		94		70-130	1		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	82		83		70-130	1		20
Dibromomethane	97		96		70-130	1		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	66		69		36-147	4		20
Acetone	110		120		58-148	9		20
Carbon disulfide	86		87		51-130	1		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		130		57-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1040791-3 WG1040791-4								
Bromochloromethane	85		84		70-130	1		20
2,2-Dichloropropane	88		88		63-133	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	89		91		64-130	2		20
Bromobenzene	91		91		70-130	0		20
n-Butylbenzene	97		97		53-136	0		20
sec-Butylbenzene	94		94		70-130	0		20
tert-Butylbenzene	92		93		70-130	1		20
o-Chlorotoluene	99		99		70-130	0		20
p-Chlorotoluene	97		98		70-130	1		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	87		86		63-130	1		20
Isopropylbenzene	93		93		70-130	0		20
p-Isopropyltoluene	92		93		70-130	1		20
Naphthalene	130		130		70-130	0		20
n-Propylbenzene	96		96		69-130	0		20
1,2,3-Trichlorobenzene	120		120		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	93		93		64-130	0		20
1,2,4-Trimethylbenzene	94		94		70-130	0		20
1,4-Dioxane	128		134		56-162	5		20
p-Diethylbenzene	92		92		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1040791-3 WG1040791-4								
p-Ethyltoluene	93		94		70-130	1		20
1,2,4,5-Tetramethylbenzene	89		90		70-130	1		20
Ethyl ether	92		90		59-134	2		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041014-3 WG1041014-4								
Methylene chloride	91		92		70-130	1		20
1,1-Dichloroethane	89		89		70-130	0		20
Chloroform	84		85		70-130	1		20
Carbon tetrachloride	60	Q	57	Q	63-132	5		20
1,2-Dichloropropane	96		96		70-130	0		20
Dibromochloromethane	80		78		63-130	3		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	80		77		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	71		70		62-150	1		20
1,2-Dichloroethane	87		88		70-130	1		20
1,1,1-Trichloroethane	66	Q	66	Q	67-130	0		20
Bromodichloromethane	79		79		67-130	0		20
trans-1,3-Dichloropropene	73		72		70-130	1		20
cis-1,3-Dichloropropene	81		81		70-130	0		20
1,1-Dichloropropene	83		83		70-130	0		20
Bromoform	66		64		54-136	3		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	95		95		70-130	0		20
Toluene	95		94		70-130	1		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	99		96		64-130	3		20
Bromomethane	76		74		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041014-3 WG1041014-4								
Vinyl chloride	93		94		55-140	1		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	84		81		61-145	4		20
trans-1,2-Dichloroethene	89		89		70-130	0		20
Trichloroethene	87		87		70-130	0		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	95		98		70-130	3		20
Methyl tert butyl ether	78		78		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	94		96		70-130	2		20
Dibromomethane	94		96		70-130	2		20
1,2,3-Trichloropropane	99		99		64-130	0		20
Acrylonitrile	120		120		70-130	0		20
Isopropyl Ether	110		110		70-130	0		20
tert-Butyl Alcohol	78		76		70-130	3		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	98		93		36-147	5		20
Acetone	76		76		58-148	0		20
Carbon disulfide	87		85		51-130	2		20
2-Butanone	100		110		63-138	10		20
Vinyl acetate	98		100		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041014-3 WG1041014-4								
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	95		94		57-130	1		20
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	57	Q	57	Q	63-133	0		20
1,2-Dibromoethane	97		94		70-130	3		20
1,3-Dichloropropane	98		96		70-130	2		20
1,1,1,2-Tetrachloroethane	77		76		64-130	1		20
Bromobenzene	89		90		70-130	1		20
n-Butylbenzene	96		95		53-136	1		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		99		70-130	0		20
o-Chlorotoluene	96		97		70-130	1		20
p-Chlorotoluene	96		96		70-130	0		20
1,2-Dibromo-3-chloropropane	65		63		41-144	3		20
Hexachlorobutadiene	74		74		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	99		95		70-130	4		20
n-Propylbenzene	99		100		69-130	1		20
1,2,3-Trichlorobenzene	92		84		70-130	9		20
1,2,4-Trichlorobenzene	84		80		70-130	5		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

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: WG1041014-3 WG1041014-4								
Methyl Acetate	110		110		70-130	0		20
Ethyl Acetate	110		110		70-130	0		20
Cyclohexane	95		97		70-130	2		20
Ethyl-Tert-Butyl-Ether	79		80		70-130	1		20
Tertiary-Amyl Methyl Ether	74		76		66-130	3		20
1,4-Dioxane	106		104		56-162	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		80		70-130	1		20
1,4-Diethylbenzene	100		100		70-130	0		20
4-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		92		70-130	3		20
Tetrahydrofuran	100		110		58-130	10		20
Ethyl ether	96		94		59-134	2		20
trans-1,4-Dichloro-2-butene	89		96		70-130	8		20
Methyl cyclohexane	82		82		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1041161-3 WG1041161-4								
Methylene chloride	98		98		70-130	0		30
1,1-Dichloroethane	103		104		70-130	1		30
Chloroform	102		102		70-130	0		30
Carbon tetrachloride	107		106		70-130	1		30
1,2-Dichloropropane	104		106		70-130	2		30
Dibromochloromethane	100		103		70-130	3		30
1,1,2-Trichloroethane	104		107		70-130	3		30
Tetrachloroethene	104		105		70-130	1		30
Chlorobenzene	101		104		70-130	3		30
Trichlorofluoromethane	95		95		70-139	0		30
1,2-Dichloroethane	106		109		70-130	3		30
1,1,1-Trichloroethane	105		105		70-130	0		30
Bromodichloromethane	101		106		70-130	5		30
trans-1,3-Dichloropropene	107		109		70-130	2		30
cis-1,3-Dichloropropene	103		104		70-130	1		30
1,1-Dichloropropene	104		105		70-130	1		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	100		101		70-130	1		30
Toluene	104		107		70-130	3		30
Ethylbenzene	100		104		70-130	4		30
Chloromethane	113		101		52-130	11		30
Bromomethane	83		81		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1041161-3 WG1041161-4								
Vinyl chloride	105		102		67-130	3		30
Chloroethane	90		90		50-151	0		30
1,1-Dichloroethene	103		99		65-135	4		30
trans-1,2-Dichloroethene	103		103		70-130	0		30
Trichloroethene	98		98		70-130	0		30
1,2-Dichlorobenzene	100		99		70-130	1		30
1,3-Dichlorobenzene	103		102		70-130	1		30
1,4-Dichlorobenzene	101		103		70-130	2		30
Methyl tert butyl ether	103		105		66-130	2		30
p/m-Xylene	96		97		70-130	1		30
o-Xylene	99		102		70-130	3		30
cis-1,2-Dichloroethene	102		101		70-130	1		30
Dibromomethane	102		104		70-130	2		30
Styrene	96		100		70-130	4		30
Dichlorodifluoromethane	110		105		30-146	5		30
Acetone	122		114		54-140	7		30
Carbon disulfide	97		97		59-130	0		30
2-Butanone	106		112		70-130	6		30
Vinyl acetate	98		101		70-130	3		30
4-Methyl-2-pentanone	103		109		70-130	6		30
1,2,3-Trichloropropane	99		98		68-130	1		30
2-Hexanone	107		112		70-130	5		30
Bromochloromethane	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1041161-3 WG1041161-4								
2,2-Dichloropropane	106		107		70-130	1		30
1,2-Dibromoethane	102		106		70-130	4		30
1,3-Dichloropropane	105		109		69-130	4		30
1,1,1,2-Tetrachloroethane	104		108		70-130	4		30
Bromobenzene	104		104		70-130	0		30
n-Butylbenzene	102		103		70-130	1		30
sec-Butylbenzene	101		102		70-130	1		30
tert-Butylbenzene	102		102		70-130	0		30
o-Chlorotoluene	102		104		70-130	2		30
p-Chlorotoluene	104		106		70-130	2		30
1,2-Dibromo-3-chloropropane	91		100		68-130	9		30
Hexachlorobutadiene	101		100		67-130	1		30
Isopropylbenzene	103		102		70-130	1		30
p-Isopropyltoluene	99		100		70-130	1		30
Naphthalene	99		100		70-130	1		30
Acrylonitrile	108		104		70-130	4		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	101		100		70-130	1		30
1,2,4-Trichlorobenzene	103		102		70-130	1		30
1,3,5-Trimethylbenzene	98		100		70-130	2		30
1,2,4-Trimethylbenzene	100		102		70-130	2		30
1,4-Dioxane	104		107		65-136	3		30
p-Diethylbenzene	99		100		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1041161-3 WG1041161-4								
p-Ethyltoluene	102		102		70-130	0		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	98		97		67-130	1		30
trans-1,4-Dichloro-2-butene	104		108		70-130	4		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	109		107		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1041384-3 WG1041384-4								
Methylene chloride	88		80		70-130	10		20
1,1-Dichloroethane	91		82		70-130	10		20
Chloroform	90		82		70-130	9		20
Carbon tetrachloride	85		76		63-132	11		20
1,2-Dichloropropane	93		87		70-130	7		20
Dibromochloromethane	93		88		63-130	6		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	83		74		70-130	11		20
Chlorobenzene	92		83		75-130	10		20
Trichlorofluoromethane	90		82		62-150	9		20
1,2-Dichloroethane	99		93		70-130	6		20
1,1,1-Trichloroethane	84		78		67-130	7		20
Bromodichloromethane	92		86		67-130	7		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	93		87		70-130	7		20
1,1-Dichloropropene	87		79		70-130	10		20
Bromoform	91		87		54-136	4		20
1,1,2,2-Tetrachloroethane	120		110		67-130	9		20
Benzene	87		80		70-130	8		20
Toluene	92		84		70-130	9		20
Ethylbenzene	94		85		70-130	10		20
Chloromethane	92		83		64-130	10		20
Bromomethane	91		79		39-139	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1041384-3 WG1041384-4								
Vinyl chloride	91		81		55-140	12		20
Chloroethane	82		71		55-138	14		20
1,1-Dichloroethene	78		73		61-145	7		20
trans-1,2-Dichloroethene	81		72		70-130	12		20
Trichloroethene	87		76		70-130	13		20
1,2-Dichlorobenzene	95		88		70-130	8		20
1,3-Dichlorobenzene	94		85		70-130	10		20
1,4-Dichlorobenzene	94		86		70-130	9		20
Methyl tert butyl ether	90		87		63-130	3		20
p/m-Xylene	95		85		70-130	11		20
o-Xylene	95		85		70-130	11		20
cis-1,2-Dichloroethene	83		75		70-130	10		20
Dibromomethane	94		90		70-130	4		20
1,2,3-Trichloropropane	120		110		64-130	9		20
Acrylonitrile	100		100		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	76		70		36-147	8		20
Acetone	110		110		58-148	0		20
Carbon disulfide	86		75		51-130	14		20
2-Butanone	110		98		63-138	12		20
Vinyl acetate	100		97		70-130	3		20
4-Methyl-2-pentanone	99		100		59-130	1		20
2-Hexanone	100		100		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1041384-3 WG1041384-4								
Bromochloromethane	83		77		70-130	8		20
2,2-Dichloropropane	92		85		63-133	8		20
1,2-Dibromoethane	100		95		70-130	5		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	91		84		64-130	8		20
Bromobenzene	90		83		70-130	8		20
n-Butylbenzene	110		96		53-136	14		20
sec-Butylbenzene	100		91		70-130	9		20
tert-Butylbenzene	99		88		70-130	12		20
o-Chlorotoluene	100		96		70-130	4		20
p-Chlorotoluene	100		93		70-130	7		20
1,2-Dibromo-3-chloropropane	88		90		41-144	2		20
Hexachlorobutadiene	85		78		63-130	9		20
Isopropylbenzene	99		89		70-130	11		20
p-Isopropyltoluene	99		87		70-130	13		20
Naphthalene	100		110		70-130	10		20
n-Propylbenzene	100		94		69-130	6		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	96		92		70-130	4		20
1,3,5-Trimethylbenzene	99		89		64-130	11		20
1,2,4-Trimethylbenzene	99		88		70-130	12		20
1,4-Dioxane	104		130		56-162	22	Q	20
p-Diethylbenzene	98		89		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1041384-3 WG1041384-4								
p-Ethyltoluene	100		89		70-130	12		20
1,2,4,5-Tetramethylbenzene	89		81		70-130	9		20
Ethyl ether	86		84		59-134	2		20
trans-1,4-Dichloro-2-butene	110		100		70-130	10		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	112		113		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041568-3 WG1041568-4								
Methylene chloride	90		85		70-130	6		20
1,1-Dichloroethane	92		86		70-130	7		20
Chloroform	92		87		70-130	6		20
Carbon tetrachloride	88		81		63-132	8		20
1,2-Dichloropropane	96		92		70-130	4		20
Dibromochloromethane	98		94		63-130	4		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	81		75		70-130	8		20
Chlorobenzene	93		87		75-130	7		20
Trichlorofluoromethane	93		84		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	87		82		67-130	6		20
Bromodichloromethane	97		92		67-130	5		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	96		93		70-130	3		20
1,1-Dichloropropene	89		82		70-130	8		20
Bromoform	98		94		54-136	4		20
1,1,2,2-Tetrachloroethane	130		120		67-130	8		20
Benzene	88		83		70-130	6		20
Toluene	93		87		70-130	7		20
Ethylbenzene	96		88		70-130	9		20
Chloromethane	86		79		64-130	8		20
Bromomethane	62		58		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041568-3 WG1041568-4								
Vinyl chloride	88		80		55-140	10		20
Chloroethane	80		72		55-138	11		20
1,1-Dichloroethene	81		74		61-145	9		20
trans-1,2-Dichloroethene	81		75		70-130	8		20
Trichloroethene	87		82		70-130	6		20
1,2-Dichlorobenzene	98		92		70-130	6		20
1,3-Dichlorobenzene	95		87		70-130	9		20
1,4-Dichlorobenzene	97		90		70-130	7		20
Methyl tert butyl ether	94		92		63-130	2		20
p/m-Xylene	95		85		70-130	11		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	82		78		70-130	5		20
Dibromomethane	99		95		70-130	4		20
1,2,3-Trichloropropane	130		120		64-130	8		20
Acrylonitrile	110		110		70-130	0		20
Styrene	100		90		70-130	11		20
Dichlorodifluoromethane	72		66		36-147	9		20
Acetone	130		120		58-148	8		20
Carbon disulfide	88		78		51-130	12		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041568-3 WG1041568-4								
Bromochloromethane	83		82		70-130	1		20
2,2-Dichloropropane	95		88		63-133	8		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	92		88		64-130	4		20
Bromobenzene	92		86		70-130	7		20
n-Butylbenzene	110		99		53-136	11		20
sec-Butylbenzene	100		94		70-130	6		20
tert-Butylbenzene	99		89		70-130	11		20
o-Chlorotoluene	110		98		70-130	12		20
p-Chlorotoluene	100		96		70-130	4		20
1,2-Dibromo-3-chloropropane	100		95		41-144	5		20
Hexachlorobutadiene	91		84		63-130	8		20
Isopropylbenzene	98		90		70-130	9		20
p-Isopropyltoluene	99		90		70-130	10		20
Naphthalene	120		120		70-130	0		20
n-Propylbenzene	110		96		69-130	14		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20
1,2,4-Trichlorobenzene	100		96		70-130	4		20
1,3,5-Trimethylbenzene	100		91		64-130	9		20
1,2,4-Trimethylbenzene	100		92		70-130	8		20
1,4-Dioxane	124		124		56-162	0		20
p-Diethylbenzene	100		90		70-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1041568-3 WG1041568-4								
p-Ethyltoluene	100		92		70-130	8		20
1,2,4,5-Tetramethylbenzene	92		85		70-130	8		20
Ethyl ether	93		89		59-134	4		20
trans-1,4-Dichloro-2-butene	120		110		70-130	9		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	115		115		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041739-3 WG1041739-4								
Methylene chloride	97		96		70-130	1		30
1,1-Dichloroethane	103		101		70-130	2		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	100		98		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	96		99		70-130	3		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	98		97		70-130	1		30
Chlorobenzene	96		94		70-130	2		30
Trichlorofluoromethane	94		94		70-139	0		30
1,2-Dichloroethane	102		106		70-130	4		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	98		99		70-130	1		30
trans-1,3-Dichloropropene	100		104		70-130	4		30
cis-1,3-Dichloropropene	95		98		70-130	3		30
1,1-Dichloropropene	99		99		70-130	0		30
Bromoform	86		91		70-130	6		30
1,1,2,2-Tetrachloroethane	102		112		70-130	9		30
Benzene	95		95		70-130	0		30
Toluene	96		96		70-130	0		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	114		107		52-130	6		30
Bromomethane	85		84		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041739-3 WG1041739-4								
Vinyl chloride	108		106		67-130	2		30
Chloroethane	91		91		50-151	0		30
1,1-Dichloroethene	101		93		65-135	8		30
trans-1,2-Dichloroethene	96		92		70-130	4		30
Trichloroethene	94		93		70-130	1		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	97		97		70-130	0		30
Methyl tert butyl ether	98		101		66-130	3		30
p/m-Xylene	90		89		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	96		95		70-130	1		30
Dibromomethane	97		100		70-130	3		30
Styrene	91		93		70-130	2		30
Dichlorodifluoromethane	103		98		30-146	5		30
Acetone	111		118		54-140	6		30
Carbon disulfide	93		90		59-130	3		30
2-Butanone	106		117		70-130	10		30
Vinyl acetate	93		103		70-130	10		30
4-Methyl-2-pentanone	96		115		70-130	18		30
1,2,3-Trichloropropane	91		102		68-130	11		30
2-Hexanone	102		112		70-130	9		30
Bromochloromethane	91		93		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-03 Batch: WG1041739-3 WG1041739-4								
2,2-Dichloropropane	106		106		70-130	0		30
1,2-Dibromoethane	92		99		70-130	7		30
1,3-Dichloropropane	101		103		69-130	2		30
1,1,1,2-Tetrachloroethane	97		97		70-130	0		30
Bromobenzene	96		96		70-130	0		30
n-Butylbenzene	103		101		70-130	2		30
sec-Butylbenzene	98		96		70-130	2		30
tert-Butylbenzene	97		96		70-130	1		30
o-Chlorotoluene	100		100		70-130	0		30
p-Chlorotoluene	102		102		70-130	0		30
1,2-Dibromo-3-chloropropane	98		102		68-130	4		30
Hexachlorobutadiene	100		101		67-130	1		30
Isopropylbenzene	99		97		70-130	2		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	93		99		70-130	6		30
Acrylonitrile	101		112		70-130	10		30
n-Propylbenzene	98		97		70-130	1		30
1,2,3-Trichlorobenzene	98		97		70-130	1		30
1,2,4-Trichlorobenzene	99		99		70-130	0		30
1,3,5-Trimethylbenzene	98		96		70-130	2		30
1,2,4-Trimethylbenzene	96		96		70-130	0		30
1,4-Dioxane	99		110		65-136	11		30
p-Diethylbenzene	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041739-3 WG1041739-4								
p-Ethyltoluene	99		98		70-130	1		30
1,2,4,5-Tetramethylbenzene	92		90		70-130	2		30
Ethyl ether	93		96		67-130	3		30
trans-1,4-Dichloro-2-butene	105		116		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		105		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	108		109		70-130
Dibromofluoromethane	94		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1041014-6 WG1041014-7 QC Sample: L1731615-03 Client ID: MS Sample												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
Chloroform	ND	10	10	100		10	100		70-130	0		20
Carbon tetrachloride	ND	10	7.5	75		7.9	79		63-132	5		20
1,2-Dichloropropane	ND	10	12	120		11	110		70-130	9		20
Dibromochloromethane	ND	10	8.6	86		9.0	90		63-130	5		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	0.93	10	11	101		11	101		70-130	0		20
Chlorobenzene	ND	10	12	120		12	120		75-130	0		20
Trichlorofluoromethane	ND	10	10	100		10	100		62-150	0		20
1,2-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
1,1,1-Trichloroethane	ND	10	8.4	84		8.6	86		67-130	2		20
Bromodichloromethane	ND	10	9.3	93		9.3	93		67-130	0		20
trans-1,3-Dichloropropene	ND	10	7.9	79		8.2	82		70-130	4		20
cis-1,3-Dichloropropene	ND	10	9.1	91		9.4	94		70-130	3		20
1,1-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
Bromoform	ND	10	7.1	71		7.2	72		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		12	120		67-130	0		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	11	110		11	110		70-130	0		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	ND	10	4.5	45		6.8	68		39-139	41	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1041014-6 WG1041014-7 QC Sample: L1731615-03 Client ID: MS Sample												
Vinyl chloride	ND	10	13	130		13	130		55-140	0		20
Chloroethane	ND	10	13	130		13	130		55-138	0		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
trans-1,2-Dichloroethene	ND	10	11	110		11	110		70-130	0		20
Trichloroethene	ND	10	11	110		11	110		70-130	0		20
1,2-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,3-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
Methyl tert butyl ether	ND	10	9.0	90		9.1	91		63-130	1		20
p/m-Xylene	ND	20	25	125		25	125		70-130	0		20
o-Xylene	ND	20	25	125		25	125		70-130	0		20
cis-1,2-Dichloroethene	ND	10	12	120		11	110		70-130	9		20
Dibromomethane	ND	10	11	110		11	110		70-130	0		20
1,2,3-Trichloropropane	ND	10	11	110		11	110		64-130	0		20
Acrylonitrile	ND	10	14	140	Q	13	130		70-130	7		20
Isopropyl Ether	ND	10	13	130		13	130		70-130	0		20
tert-Butyl Alcohol	ND	50	34	68	Q	38	76		70-130	11		20
Styrene	ND	20	25	125		25	125		70-130	0		20
Dichlorodifluoromethane	ND	10	14	140		14	140		36-147	0		20
Acetone	ND	10	10	100		10	100		58-148	0		20
Carbon disulfide	ND	10	11	110		10	100		51-130	10		20
2-Butanone	ND	10	12	120		12	120		63-138	0		20
Vinyl acetate	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1041014-6 WG1041014-7 QC Sample: L1731615-03 Client ID: MS Sample												
4-Methyl-2-pentanone	ND	10	11	110		11	110		59-130	0		20
2-Hexanone	ND	10	12	120		11	110		57-130	9		20
Bromochloromethane	ND	10	12	120		12	120		70-130	0		20
2,2-Dichloropropane	ND	10	6.0	60	Q	6.3	63		63-133	5		20
1,2-Dibromoethane	ND	10	11	110		11	110		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	8.6	86		9.0	90		64-130	5		20
Bromobenzene	ND	10	10	100		11	110		70-130	10		20
n-Butylbenzene	ND	10	11	110		11	110		53-136	0		20
sec-Butylbenzene	ND	10	13	130		13	130		70-130	0		20
tert-Butylbenzene	ND	10	12	120		12	120		70-130	0		20
o-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
p-Chlorotoluene	ND	10	12	120		11	110		70-130	9		20
1,2-Dibromo-3-chloropropane	ND	10	6.8	68		7.0	70		41-144	3		20
Hexachlorobutadiene	ND	10	8.4	84		8.6	86		63-130	2		20
Isopropylbenzene	ND	10	13	130		13	130		70-130	0		20
p-Isopropyltoluene	ND	10	12	120		12	120		70-130	0		20
Naphthalene	ND	10	10	100		10	100		70-130	0		20
n-Propylbenzene	ND	10	12	120		12	120		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.6	96		9.2	92		70-130	4		20
1,2,4-Trichlorobenzene	ND	10	9.3	93		9.1	91		70-130	2		20
1,3,5-Trimethylbenzene	ND	10	12	120		12	120		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	12	120		12	120		70-130	0		20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1041014-6 WG1041014-7 QC Sample: L1731615-03 Client ID: MS Sample												
Methyl Acetate	ND	10	11	110		12	120		70-130	9		20
Ethyl Acetate	ND	10	12	120		12	120		70-130	0		20
Cyclohexane	ND	10	13	130		13	130		70-130	0		20
Ethyl-Tert-Butyl-Ether	ND	10	8.9	89		9.4	94		70-130	5		20
Tertiary-Amyl Methyl Ether	ND	10	8.6	86		8.8	88		66-130	2		20
1,4-Dioxane	ND	500	490	98		530	106		56-162	8		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	11	110		11	110		70-130	0		20
1,4-Diethylbenzene	ND	10	12	120		12	120		70-130	0		20
4-Ethyltoluene	ND	10	12	120		12	120		70-130	0		20
1,2,4,5-Tetramethylbenzene	ND	10	11	110		11	110		70-130	0		20
Tetrahydrofuran	ND	10	12	120		12	120		58-130	0		20
Ethyl ether	ND	10	11	110		11	110		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	9.8	98		10	100		70-130	2		20
Methyl cyclohexane	ND	10	11	110		10	100		70-130	10		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	97		95		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	108		104		70-130
Toluene-d8	103		104		70-130



SEMIVOLATILES

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/08/17 17:59

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/12/17 16:50
Analyst: SZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
 Client ID: FB02_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	83		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/14/17 16:10

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/15/17 10:32
Analyst: DV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
 Client ID: FB02_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	67		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/08/17 05:48

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/12/17 20:44
Analyst: PS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7300		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	5600		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1600		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	4200		ug/kg	120	22.	1
Benzo(a)pyrene	3900		ug/kg	150	47.	1
Benzo(b)fluoranthene	3200		ug/kg	120	33.	1
Benzo(k)fluoranthene	650		ug/kg	120	31.	1
Chrysene	4300		ug/kg	120	20.	1
Acenaphthylene	3600		ug/kg	150	30.	1
Anthracene	5300		ug/kg	120	38.	1
Benzo(ghi)perylene	2100		ug/kg	150	23.	1
Fluorene	5700		ug/kg	190	19.	1
Phenanthrene	7300		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	430		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	27.	1
Pyrene	9400	E	ug/kg	120	19.	1
Biphenyl	250	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	780		ug/kg	190	18.	1
2-Methylnaphthalene	240		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	340		ug/kg	190	19.	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	60		18-120

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02 D
 Client ID: SB01_11.5-12
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 09:50
 Date Received: 09/07/17
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/08/17 05:48

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/14/17 14:38
 Analyst: PS
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	12000		ug/kg	230	38.	2

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/08/17 05:48

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/12/17 21:11
Analyst: PS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	710		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	33	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
 Client ID: SB02_6-7
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	350		ug/kg	110	21.	1
Benzo(a)pyrene	290		ug/kg	150	46.	1
Benzo(b)fluoranthene	400		ug/kg	110	32.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	320		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	120		ug/kg	110	37.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	50	J	ug/kg	190	18.	1
Phenanthrene	520		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	47	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	150	26.	1
Pyrene	560		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	39	J	ug/kg	190	18.	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
 Client ID: SB02_6-7
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	72		18-120

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
Client ID: SB03_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/08/17 05:48

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/12/17 21:38
Analyst: PS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1900		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	120	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
Client ID: SB03_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	940		ug/kg	120	22.	1
Benzo(a)pyrene	860		ug/kg	160	48.	1
Benzo(b)fluoranthene	1100		ug/kg	120	33.	1
Benzo(k)fluoranthene	330		ug/kg	120	32.	1
Chrysene	920		ug/kg	120	21.	1
Acenaphthylene	54	J	ug/kg	160	30.	1
Anthracene	420		ug/kg	120	39.	1
Benzo(ghi)perylene	430		ug/kg	160	23.	1
Fluorene	200		ug/kg	200	19.	1
Phenanthrene	1500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	470		ug/kg	160	28.	1
Pyrene	1700		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	120	J	ug/kg	200	19.	1
2-Methylnaphthalene	37	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	110	J	ug/kg	200	19.	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
 Client ID: SB03_18-19
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:40
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	80		18-120

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)
Extraction Method: EPA 3510C
Extraction Date: 09/08/17 17:59

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/12/17 17:41
Analyst: SZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	2.0		ug/l	2.0	0.66	1

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	9.2		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	89		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06 D2
 Client ID: MW01_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
 Date Received: 09/07/17
 Field Prep: Field Filtered (Dissolved Metals)
 Extraction Method: EPA 3510C
 Extraction Date: 09/13/17 11:12

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/14/17 15:43
 Analyst: DV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	240		ug/l	0.97	0.42	10

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06 D
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered (Dissolved Metals)
Extraction Method: EPA 3510C
Extraction Date: 09/13/17 11:12

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 13:19
Analyst: KL

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	36		ug/l	0.19	0.07	2
2-Chloronaphthalene	ND		ug/l	0.39	0.07	2
Fluoranthene	4.5		ug/l	0.19	0.07	2
Hexachlorobutadiene	ND		ug/l	0.97	0.07	2
Naphthalene	190	E	ug/l	0.19	0.08	2
Benzo(a)anthracene	1.6		ug/l	0.19	0.04	2
Benzo(a)pyrene	1.5		ug/l	0.19	0.08	2
Benzo(b)fluoranthene	1.4		ug/l	0.19	0.03	2
Benzo(k)fluoranthene	0.43		ug/l	0.19	0.08	2
Chrysene	1.6		ug/l	0.19	0.07	2
Acenaphthylene	2.3		ug/l	0.19	0.07	2
Anthracene	4.5		ug/l	0.19	0.07	2
Benzo(ghi)perylene	1.0		ug/l	0.19	0.08	2
Fluorene	14		ug/l	0.19	0.07	2
Phenanthrene	7.7		ug/l	0.19	0.03	2
Dibenzo(a,h)anthracene	0.24		ug/l	0.19	0.08	2
Indeno(1,2,3-cd)pyrene	0.82		ug/l	0.19	0.08	2
Pyrene	6.9		ug/l	0.19	0.08	2
2-Methylnaphthalene	2.0		ug/l	0.19	0.09	2
Pentachlorophenol	ND		ug/l	1.6	0.43	2
Hexachlorobenzene	ND		ug/l	1.6	0.06	2
Hexachloroethane	ND		ug/l	1.6	0.06	2

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06 D
 Client ID: MW01_090717
 Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 13:10
 Date Received: 09/07/17
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	71		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/11/17 09:52
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06 Batch: WG1039521-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/11/17 09:52
 Analyst: MW

Extraction Method: EPA 3510C
 Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06 Batch: WG1039521-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 09/11/17 09:52
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 09/07/17 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06 Batch: WG1039521-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	91		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/09/17 22:40
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 09/08/17 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1039560-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/09/17 22:40
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 09/08/17 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1039560-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 09/09/17 22:40
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 09/08/17 01:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1039560-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	82		18-120

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 07:59
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 09/13/17 11:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1041196-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 07:59
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 09/13/17 11:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1041196-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	74		41-149

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/15/17 08:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/14/17 16:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1041792-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8270D-SIM
 Analytical Date: 09/15/17 08:36
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/14/17 16:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1041792-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	67		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06 Batch: WG1039521-2 WG1039521-3								
Acenaphthene	78		86		37-111	10		30
1,2,4-Trichlorobenzene	65		73		39-98	12		30
Hexachlorobenzene	90		103		40-140	13		30
Bis(2-chloroethyl)ether	88		97		40-140	10		30
2-Chloronaphthalene	84		93		40-140	10		30
1,2-Dichlorobenzene	63		69		40-140	9		30
1,3-Dichlorobenzene	62		68		40-140	9		30
1,4-Dichlorobenzene	62		69		36-97	11		30
3,3'-Dichlorobenzidine	76		87		40-140	13		30
2,4-Dinitrotoluene	92		102		48-143	10		30
2,6-Dinitrotoluene	90		101		40-140	12		30
Fluoranthene	90		100		40-140	11		30
4-Chlorophenyl phenyl ether	89		99		40-140	11		30
4-Bromophenyl phenyl ether	100		112		40-140	11		30
Bis(2-chloroisopropyl)ether	79		87		40-140	10		30
Bis(2-chloroethoxy)methane	88		99		40-140	12		30
Hexachlorobutadiene	64		71		40-140	10		30
Hexachlorocyclopentadiene	50		55		40-140	10		30
Hexachloroethane	60		66		40-140	10		30
Isophorone	81		91		40-140	12		30
Naphthalene	71		78		40-140	9		30
Nitrobenzene	89		98		40-140	10		30
NDPA/DPA	93		104		40-140	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06 Batch: WG1039521-2 WG1039521-3								
n-Nitrosodi-n-propylamine	87		96		29-132	10		30
Bis(2-ethylhexyl)phthalate	95		105		40-140	10		30
Butyl benzyl phthalate	91		101		40-140	10		30
Di-n-butylphthalate	96		106		40-140	10		30
Di-n-octylphthalate	101		111		40-140	9		30
Diethyl phthalate	92		103		40-140	11		30
Dimethyl phthalate	93		105		40-140	12		30
Benzo(a)anthracene	96		107		40-140	11		30
Benzo(a)pyrene	104		118		40-140	13		30
Benzo(b)fluoranthene	106		119		40-140	12		30
Benzo(k)fluoranthene	92		106		40-140	14		30
Chrysene	87		97		40-140	11		30
Acenaphthylene	86		96		45-123	11		30
Anthracene	84		94		40-140	11		30
Benzo(ghi)perylene	93		105		40-140	12		30
Fluorene	85		97		40-140	13		30
Phenanthrene	81		91		40-140	12		30
Dibenzo(a,h)anthracene	96		110		40-140	14		30
Indeno(1,2,3-cd)pyrene	102		114		40-140	11		30
Pyrene	86		95		26-127	10		30
Biphenyl	86		95		40-140	10		30
4-Chloroaniline	71		85		40-140	18		30
2-Nitroaniline	95		108		52-143	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06 Batch: WG1039521-2 WG1039521-3								
3-Nitroaniline	80		91		25-145	13		30
4-Nitroaniline	92		107		51-143	15		30
Dibenzofuran	84		94		40-140	11		30
2-Methylnaphthalene	77		84		40-140	9		30
1,2,4,5-Tetrachlorobenzene	84		91		2-134	8		30
Acetophenone	79		88		39-129	11		30
2,4,6-Trichlorophenol	91		104		30-130	13		30
p-Chloro-m-cresol	100	Q	113	Q	23-97	12		30
2-Chlorophenol	83		93		27-123	11		30
2,4-Dichlorophenol	92		103		30-130	11		30
2,4-Dimethylphenol	73		94		30-130	25		30
2-Nitrophenol	99		110		30-130	11		30
4-Nitrophenol	63		69		10-80	9		30
2,4-Dinitrophenol	99		113		20-130	13		30
4,6-Dinitro-o-cresol	110		126		20-164	14		30
Pentachlorophenol	85		95		9-103	11		30
Phenol	38		42		12-110	10		30
2-Methylphenol	75		86		30-130	14		30
3-Methylphenol/4-Methylphenol	76		88		30-130	15		30
2,4,5-Trichlorophenol	107		119		30-130	11		30
Benzoic Acid	50		49		10-164	2		30
Benzyl Alcohol	70		75		26-116	7		30
Carbazole	91		102		55-144	11		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06 Batch: WG1039521-2 WG1039521-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		64		21-120
Phenol-d6	38		42		10-120
Nitrobenzene-d5	84		95		23-120
2-Fluorobiphenyl	77		87		15-120
2,4,6-Tribromophenol	86		98		10-120
4-Terphenyl-d14	82		92		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1039560-2 WG1039560-3								
Acenaphthene	90		82		31-137	9		50
1,2,4-Trichlorobenzene	88		81		38-107	8		50
Hexachlorobenzene	89		82		40-140	8		50
Bis(2-chloroethyl)ether	89		81		40-140	9		50
2-Chloronaphthalene	93		86		40-140	8		50
1,2-Dichlorobenzene	87		80		40-140	8		50
1,3-Dichlorobenzene	85		77		40-140	10		50
1,4-Dichlorobenzene	85		80		28-104	6		50
3,3'-Dichlorobenzidine	82		74		40-140	10		50
2,4-Dinitrotoluene	102		95		40-132	7		50
2,6-Dinitrotoluene	101		95		40-140	6		50
Fluoranthene	90		82		40-140	9		50
4-Chlorophenyl phenyl ether	89		83		40-140	7		50
4-Bromophenyl phenyl ether	90		84		40-140	7		50
Bis(2-chloroisopropyl)ether	95		88		40-140	8		50
Bis(2-chloroethoxy)methane	93		86		40-117	8		50
Hexachlorobutadiene	91		82		40-140	10		50
Hexachlorocyclopentadiene	85		78		40-140	9		50
Hexachloroethane	91		84		40-140	8		50
Isophorone	95		87		40-140	9		50
Naphthalene	89		81		40-140	9		50
Nitrobenzene	111		102		40-140	8		50
NDPA/DPA	92		86		36-157	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1039560-2 WG1039560-3								
n-Nitrosodi-n-propylamine	96		90		32-121	6		50
Bis(2-ethylhexyl)phthalate	112		102		40-140	9		50
Butyl benzyl phthalate	108		98		40-140	10		50
Di-n-butylphthalate	101		91		40-140	10		50
Di-n-octylphthalate	106		97		40-140	9		50
Diethyl phthalate	96		89		40-140	8		50
Dimethyl phthalate	97		90		40-140	7		50
Benzo(a)anthracene	95		85		40-140	11		50
Benzo(a)pyrene	95		86		40-140	10		50
Benzo(b)fluoranthene	93		84		40-140	10		50
Benzo(k)fluoranthene	92		82		40-140	11		50
Chrysene	91		82		40-140	10		50
Acenaphthylene	94		87		40-140	8		50
Anthracene	91		83		40-140	9		50
Benzo(ghi)perylene	89		82		40-140	8		50
Fluorene	90		83		40-140	8		50
Phenanthrene	89		81		40-140	9		50
Dibenzo(a,h)anthracene	89		81		40-140	9		50
Indeno(1,2,3-cd)pyrene	90		83		40-140	8		50
Pyrene	89		81		35-142	9		50
Biphenyl	96		88		54-104	9		50
4-Chloroaniline	94		88		40-140	7		50
2-Nitroaniline	117		110		47-134	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1039560-2 WG1039560-3								
3-Nitroaniline	97		92		26-129	5		50
4-Nitroaniline	106		100		41-125	6		50
Dibenzofuran	90		83		40-140	8		50
2-Methylnaphthalene	91		84		40-140	8		50
1,2,4,5-Tetrachlorobenzene	91		84		40-117	8		50
Acetophenone	95		88		14-144	8		50
2,4,6-Trichlorophenol	104		96		30-130	8		50
p-Chloro-m-cresol	106	Q	97		26-103	9		50
2-Chlorophenol	96		88		25-102	9		50
2,4-Dichlorophenol	101		93		30-130	8		50
2,4-Dimethylphenol	113		104		30-130	8		50
2-Nitrophenol	113		105		30-130	7		50
4-Nitrophenol	133	Q	123	Q	11-114	8		50
2,4-Dinitrophenol	74		75		4-130	1		50
4,6-Dinitro-o-cresol	110		105		10-130	5		50
Pentachlorophenol	84		78		17-109	7		50
Phenol	90		82		26-90	9		50
2-Methylphenol	101		93		30-130.	8		50
3-Methylphenol/4-Methylphenol	101		93		30-130	8		50
2,4,5-Trichlorophenol	106		97		30-130	9		50
Benzoic Acid	21		23		10-110	9		50
Benzyl Alcohol	101		94		40-140	7		50
Carbazole	92		83		54-128	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1039560-2 WG1039560-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	93		87		25-120
Phenol-d6	95		88		10-120
Nitrobenzene-d5	109		101		23-120
2-Fluorobiphenyl	88		80		30-120
2,4,6-Tribromophenol	89		82		10-136
4-Terphenyl-d14	81		74		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1041196-2 WG1041196-3								
Acenaphthene	61		68		37-111	11		40
2-Chloronaphthalene	67		72		40-140	7		40
Fluoranthene	67		77		40-140	14		40
Hexachlorobutadiene	56		57		40-140	2		40
Naphthalene	59		62		40-140	5		40
Benzo(a)anthracene	69		79		40-140	14		40
Benzo(a)pyrene	76		85		40-140	11		40
Benzo(b)fluoranthene	82		92		40-140	11		40
Benzo(k)fluoranthene	74		86		40-140	15		40
Chrysene	64		72		40-140	12		40
Acenaphthylene	74		81		40-140	9		40
Anthracene	66		74		40-140	11		40
Benzo(ghi)perylene	75		86		40-140	14		40
Fluorene	69		79		40-140	14		40
Phenanthrene	62		71		40-140	14		40
Dibenzo(a,h)anthracene	82		96		40-140	16		40
Indeno(1,2,3-cd)pyrene	82		96		40-140	16		40
Pyrene	67		76		26-127	13		40
2-Methylnaphthalene	65		70		40-140	7		40
Pentachlorophenol	65		75		9-103	14		40
Hexachlorobenzene	60		68		40-140	13		40
Hexachloroethane	53		51		40-140	4		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1041196-2 WG1041196-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	36		37		21-120
Phenol-d6	25		28		10-120
Nitrobenzene-d5	56		60		23-120
2-Fluorobiphenyl	70		76		15-120
2,4,6-Tribromophenol	66		78		10-120
4-Terphenyl-d14	62		73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

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: WG1041792-2 WG1041792-3								
Acenaphthene	66		74		37-111	11		40
2-Chloronaphthalene	66		74		40-140	11		40
Fluoranthene	72		78		40-140	8		40
Hexachlorobutadiene	53		60		40-140	12		40
Naphthalene	62		70		40-140	12		40
Benzo(a)anthracene	74		81		40-140	9		40
Benzo(a)pyrene	65		72		40-140	10		40
Benzo(b)fluoranthene	76		84		40-140	10		40
Benzo(k)fluoranthene	78		85		40-140	9		40
Chrysene	70		77		40-140	10		40
Acenaphthylene	77		84		40-140	9		40
Anthracene	68		75		40-140	10		40
Benzo(ghi)perylene	85		93		40-140	9		40
Fluorene	66		75		40-140	13		40
Phenanthrene	64		72		40-140	12		40
Dibenzo(a,h)anthracene	76		83		40-140	9		40
Indeno(1,2,3-cd)pyrene	82		90		40-140	9		40
Pyrene	70		77		26-127	10		40
2-Methylnaphthalene	66		73		40-140	10		40
Pentachlorophenol	63		74		9-103	16		40
Hexachlorobenzene	59		66		40-140	11		40
Hexachloroethane	59		64		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1041792-2 WG1041792-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	40		43		21-120
Phenol-d6	28		31		10-120
Nitrobenzene-d5	66		74		23-120
2-Fluorobiphenyl	61		70		15-120
2,4,6-Tribromophenol	61		69		10-120
4-Terphenyl-d14	60		68		41-149

PCBS

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/08/17 17:19
Cleanup Method: EPA 3665A
Cleanup Date: 09/09/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/09/17

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/09/17 08:42
Analyst: HT

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/08/17 05:28
Cleanup Method: EPA 3665A
Cleanup Date: 09/08/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/08/17

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/08/17 15:02
Analyst: HT
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	4.29	1	A
Aroclor 1221	ND		ug/kg	37.8	5.76	1	A
Aroclor 1232	ND		ug/kg	37.8	3.72	1	A
Aroclor 1242	ND		ug/kg	37.8	4.63	1	A
Aroclor 1248	ND		ug/kg	37.8	4.25	1	A
Aroclor 1254	5.91	J	ug/kg	37.8	3.09	1	B
Aroclor 1260	9.04	J	ug/kg	37.8	3.95	1	B
Aroclor 1262	ND		ug/kg	37.8	3.11	1	A
Aroclor 1268	ND		ug/kg	37.8	2.68	1	A
PCBs, Total	15.0	J	ug/kg	37.8	2.68	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 09/08/17 02:13
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 09/07/17 11:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/07/17
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/07/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1039325-1						
Aroclor 1016	ND		ug/kg	32.7	3.71	A
Aroclor 1221	ND		ug/kg	32.7	4.98	A
Aroclor 1232	ND		ug/kg	32.7	3.22	A
Aroclor 1242	ND		ug/kg	32.7	4.00	A
Aroclor 1248	ND		ug/kg	32.7	3.67	A
Aroclor 1254	ND		ug/kg	32.7	2.67	A
Aroclor 1260	ND		ug/kg	32.7	3.42	A
Aroclor 1262	ND		ug/kg	32.7	2.69	A
Aroclor 1268	ND		ug/kg	32.7	2.32	A
PCBs, Total	ND		ug/kg	32.7	2.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 09/09/17 10:58
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 09/08/17 17:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/09/17
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/09/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1039875-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1039325-2 WG1039325-3									
Aroclor 1016	98		107		40-140	9		50	A
Aroclor 1260	113		128		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		97		30-150	A
Decachlorobiphenyl	99		105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		96		30-150	B
Decachlorobiphenyl	93		105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1039875-2 WG1039875-3									
Aroclor 1016	72		69		40-140	4		50	A
Aroclor 1260	80		80		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		58		30-150	A
Decachlorobiphenyl	62		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		58		30-150	B
Decachlorobiphenyl	66		74		30-150	B

PESTICIDES

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/13/17 18:50

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/14/17 07:50
Analyst: DM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND	PI	ug/l	0.020	0.005	1	B
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin aldehyde	ND		ug/l	0.040	0.008	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	B
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/08/17 04:58
Cleanup Method: EPA 3620B
Cleanup Date: 09/08/17

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/11/17 23:25
Analyst: CD
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	0.963	P	ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.998	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	2.91	PI	ug/kg	1.77	0.410	1	B
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	27.2		ug/kg	3.32	1.43	1	B
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	3.00		ug/kg	2.22	0.618	1	A
trans-Chlordane	2.49	PI	ug/kg	2.22	0.585	1	A
Chlordane	17.0	PI	ug/kg	14.4	5.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	101		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/10/17 20:09
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 09/08/17 04:58
Cleanup Method: EPA 3620B
Cleanup Date: 09/08/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1039590-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	2.88	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A
Chlordane	ND		ug/kg	12.5	5.08	A

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 09/10/17 20:09
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 09/08/17 04:58
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/08/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1039590-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	105		30-150	A

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/14/17 06:32
Analyst: DM

Extraction Method: EPA 3510C
Extraction Date: 09/13/17 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1041362-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin aldehyde	ND		ug/l	0.040	0.008	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/14/17 06:32
 Analyst: DM

Extraction Method: EPA 3510C
 Extraction Date: 09/13/17 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1041362-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCS D %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1039590-2 WG1039590-3									
Delta-BHC	112		111		30-150	1		30	A
Lindane	108		107		30-150	1		30	A
Alpha-BHC	126		124		30-150	2		30	A
Beta-BHC	107		106		30-150	1		30	A
Heptachlor	107		108		30-150	1		30	A
Aldrin	121		120		30-150	1		30	A
Heptachlor epoxide	108		105		30-150	3		30	A
Endrin	110		108		30-150	2		30	A
Endrin aldehyde	82		73		30-150	12		30	A
Endrin ketone	98		89		30-150	10		30	A
Dieldrin	129		127		30-150	2		30	A
4,4'-DDE	125		122		30-150	2		30	A
4,4'-DDD	111		109		30-150	2		30	A
4,4'-DDT	113		111		30-150	2		30	A
Endosulfan I	116		114		30-150	2		30	A
Endosulfan II	110		104		30-150	6		30	A
Endosulfan sulfate	91		83		30-150	9		30	A
Methoxychlor	102		96		30-150	6		30	A
cis-Chlordane	102		105		30-150	3		30	A
trans-Chlordane	98		103		30-150	5		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1039590-2 WG1039590-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	97		94		30-150	B
Decachlorobiphenyl	99		96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	109		108		30-150	A
Decachlorobiphenyl	110		112		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1041362-2 WG1041362-3									
Delta-BHC	120		141		30-150	16		20	A
Lindane	107		125		30-150	16		20	A
Alpha-BHC	112		131		30-150	16		20	A
Beta-BHC	106		125		30-150	16		20	A
Heptachlor	88		105		30-150	17		20	A
Aldrin	81		96		30-150	18		20	A
Heptachlor epoxide	110		128		30-150	15		20	A
Endrin	119		138		30-150	15		20	A
Endrin aldehyde	109		126		30-150	14		20	A
Endrin ketone	119		138		30-150	15		20	A
Dieldrin	121		140		30-150	15		20	A
4,4'-DDE	108		126		30-150	15		20	A
4,4'-DDD	114		132		30-150	15		20	A
4,4'-DDT	126		147		30-150	15		20	A
Endosulfan I	108		125		30-150	15		20	A
Endosulfan II	109		126		30-150	14		20	A
Endosulfan sulfate	118		137		30-150	15		20	A
Methoxychlor	134		154	Q	30-150	14		20	A
cis-Chlordane	102		120		30-150	16		20	A
trans-Chlordane	103		123		30-150	18		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1041362-2 WG1041362-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		82		30-150	A
Decachlorobiphenyl	85		89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		80		30-150	B
Decachlorobiphenyl	79		83		30-150	B

METALS

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-01
Client ID: FB02_090717
Sample Location: BRONX, NEW YORK
Matrix: Water

Date Collected: 09/07/17 15:45
Date Received: 09/07/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0283		mg/l	0.0100	0.00327	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Antimony, Total	0.00049	J	mg/l	0.00400	0.00042	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Barium, Total	0.00153		mg/l	0.00050	0.00017	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Calcium, Total	0.457		mg/l	0.100	0.0394	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Chromium, Total	0.00098	J	mg/l	0.00100	0.00017	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Copper, Total	0.00050	J	mg/l	0.00100	0.00038	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Iron, Total	0.0545		mg/l	0.0500	0.0191	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Lead, Total	0.00131		mg/l	0.00100	0.00034	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Magnesium, Total	0.0754		mg/l	0.0700	0.0242	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Manganese, Total	0.00095	J	mg/l	0.00100	0.00044	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/08/17 11:52	09/11/17 19:46	EPA 7470A	1,7470A	MG
Nickel, Total	0.00148	J	mg/l	0.00200	0.00055	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Potassium, Total	0.102		mg/l	0.100	0.0309	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Sodium, Total	0.176		mg/l	0.100	0.0293	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM
Zinc, Total	0.02017		mg/l	0.01000	0.00341	1	09/12/17 12:00	09/13/17 12:57	EPA 3005A	1,6020A	AM



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-02
 Client ID: SB01_11.5-12
 Sample Location: BRONX, NEW YORK
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 09/07/17 09:50
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5510		mg/kg	9.25	2.50	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.63	0.352	2	09/08/17 19:17	09/12/17 19:22	EPA 3050B	1,6010C	AB
Arsenic, Total	24.5		mg/kg	0.925	0.192	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Barium, Total	63.3		mg/kg	0.925	0.161	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Beryllium, Total	0.240	J	mg/kg	0.463	0.031	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Cadmium, Total	0.204	J	mg/kg	0.925	0.091	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Calcium, Total	36000		mg/kg	9.25	3.24	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Chromium, Total	11.5		mg/kg	0.925	0.089	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Cobalt, Total	4.93		mg/kg	1.85	0.154	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Copper, Total	22.9		mg/kg	0.925	0.239	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Iron, Total	11400		mg/kg	4.63	0.836	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Lead, Total	87.4		mg/kg	4.63	0.248	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Magnesium, Total	2060		mg/kg	9.25	1.42	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Manganese, Total	296		mg/kg	0.925	0.147	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Mercury, Total	0.17		mg/kg	0.07	0.02	1	09/08/17 08:30	09/08/17 18:34	EPA 7471B	1,7471B	EA
Nickel, Total	11.5		mg/kg	2.31	0.224	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Potassium, Total	1700		mg/kg	231	13.3	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.85	0.239	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.925	0.262	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Sodium, Total	681		mg/kg	185	2.91	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.85	0.291	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Vanadium, Total	14.9		mg/kg	0.925	0.188	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB
Zinc, Total	37.0		mg/kg	4.63	0.271	2	09/08/17 19:17	09/11/17 21:42	EPA 3050B	1,6010C	AB



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
 Client ID: SB02_6-7
 Sample Location: BRONX, NEW YORK
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 09/07/17 15:35
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3090		mg/kg	8.66	2.34	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Antimony, Total	0.338	J	mg/kg	4.33	0.329	2	09/08/17 19:17	09/12/17 19:27	EPA 3050B	1,6010C	AB
Arsenic, Total	7.66		mg/kg	0.866	0.180	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Barium, Total	370		mg/kg	0.866	0.151	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Beryllium, Total	0.268	J	mg/kg	0.433	0.029	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Cadmium, Total	0.511	J	mg/kg	0.866	0.085	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Calcium, Total	24700		mg/kg	8.66	3.03	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Chromium, Total	11.0		mg/kg	0.866	0.083	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Cobalt, Total	4.89		mg/kg	1.73	0.144	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Copper, Total	38.4		mg/kg	0.866	0.223	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Iron, Total	6920		mg/kg	4.33	0.782	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Lead, Total	115		mg/kg	4.33	0.232	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Magnesium, Total	1300		mg/kg	8.66	1.33	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Manganese, Total	65.4		mg/kg	0.866	0.138	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Mercury, Total	0.08		mg/kg	0.07	0.02	1	09/08/17 08:30	09/08/17 18:35	EPA 7471B	1,7471B	EA
Nickel, Total	10.7		mg/kg	2.16	0.210	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Potassium, Total	501		mg/kg	216	12.5	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Selenium, Total	0.260	J	mg/kg	1.73	0.223	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.866	0.245	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Sodium, Total	266		mg/kg	173	2.73	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.73	0.273	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Vanadium, Total	24.7		mg/kg	0.866	0.176	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB
Zinc, Total	432		mg/kg	4.33	0.254	2	09/08/17 19:17	09/11/17 21:47	EPA 3050B	1,6010C	AB



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
 Client ID: SB03_18-19
 Sample Location: BRONX, NEW YORK
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 09/07/17 15:40
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8770		mg/kg	9.44	2.55	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.72	0.359	2	09/08/17 19:17	09/12/17 19:50	EPA 3050B	1,6010C	AB
Arsenic, Total	3.21		mg/kg	0.944	0.196	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Barium, Total	79.0		mg/kg	0.944	0.164	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Beryllium, Total	0.632		mg/kg	0.472	0.031	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Cadmium, Total	0.529	J	mg/kg	0.944	0.093	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Calcium, Total	5950		mg/kg	9.44	3.30	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Chromium, Total	18.6		mg/kg	0.944	0.091	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Cobalt, Total	9.97		mg/kg	1.89	0.157	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Copper, Total	32.5		mg/kg	0.944	0.244	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Iron, Total	22700		mg/kg	4.72	0.852	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Lead, Total	56.4		mg/kg	4.72	0.253	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Magnesium, Total	4850		mg/kg	9.44	1.45	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Manganese, Total	653		mg/kg	0.944	0.150	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Mercury, Total	0.32		mg/kg	0.08	0.02	1	09/08/17 08:30	09/08/17 18:37	EPA 7471B	1,7471B	EA
Nickel, Total	19.8		mg/kg	2.36	0.228	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Potassium, Total	3590		mg/kg	236	13.6	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.89	0.244	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.944	0.267	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Sodium, Total	195		mg/kg	189	2.97	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.89	0.297	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Vanadium, Total	26.0		mg/kg	0.944	0.192	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB
Zinc, Total	66.3		mg/kg	4.72	0.277	2	09/08/17 19:17	09/11/17 21:51	EPA 3050B	1,6010C	AB



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-05
 Client ID: SB04_6-7
 Sample Location: BRONX, NEW YORK
 Matrix: Soil
 Percent Solids: 92%

Date Collected: 09/05/17 17:45
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6830		mg/kg	8.59	2.32	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.29	0.326	2	09/08/17 19:17	09/12/17 19:54	EPA 3050B	1,6010C	AB
Arsenic, Total	3.92		mg/kg	0.859	0.179	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Barium, Total	176		mg/kg	0.859	0.149	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Beryllium, Total	0.249	J	mg/kg	0.429	0.028	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Cadmium, Total	0.352	J	mg/kg	0.859	0.084	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Calcium, Total	20200		mg/kg	8.59	3.00	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Chromium, Total	13.6		mg/kg	0.859	0.082	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Cobalt, Total	4.95		mg/kg	1.72	0.142	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Copper, Total	43.5		mg/kg	0.859	0.222	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Iron, Total	12800		mg/kg	4.29	0.775	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Lead, Total	365		mg/kg	4.29	0.230	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Magnesium, Total	3580		mg/kg	8.59	1.32	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Manganese, Total	223		mg/kg	0.859	0.136	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Mercury, Total	0.13		mg/kg	0.07	0.01	1	09/08/17 08:30	09/08/17 18:39	EPA 7471B	1,7471B	EA
Nickel, Total	13.9		mg/kg	2.15	0.208	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Potassium, Total	950		mg/kg	215	12.4	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.859	0.243	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Sodium, Total	368		mg/kg	172	2.70	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.270	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Vanadium, Total	18.0		mg/kg	0.859	0.174	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB
Zinc, Total	188		mg/kg	4.29	0.252	2	09/08/17 19:17	09/11/17 21:56	EPA 3050B	1,6010C	AB



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK
Matrix: Water

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	29.2		mg/l	0.0100	0.00327	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Antimony, Total	0.00159	J	mg/l	0.00400	0.00042	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Arsenic, Total	0.05438		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Barium, Total	0.9425		mg/l	0.00050	0.00017	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00392		mg/l	0.00050	0.00010	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00730		mg/l	0.00020	0.00005	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Calcium, Total	485.		mg/l	2.00	0.788	20	09/12/17 12:00	09/13/17 14:19	EPA 3005A	1,6020A	AM
Chromium, Total	0.5066		mg/l	0.00100	0.00017	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Cobalt, Total	0.04786		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Copper, Total	0.1130		mg/l	0.00100	0.00038	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Iron, Total	102.		mg/l	0.0500	0.0191	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Lead, Total	2.520		mg/l	0.00100	0.00034	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Magnesium, Total	59.1		mg/l	0.0700	0.0242	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Manganese, Total	3.211		mg/l	0.00100	0.00044	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Mercury, Total	0.00240		mg/l	0.00020	0.00006	1	09/08/17 11:52	09/11/17 19:48	EPA 7470A	1,7470A	MG
Nickel, Total	0.2645		mg/l	0.00200	0.00055	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Potassium, Total	30.6		mg/l	0.100	0.0309	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Selenium, Total	0.0287		mg/l	0.00500	0.00173	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Silver, Total	0.00561		mg/l	0.00040	0.00016	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Sodium, Total	310.		mg/l	0.100	0.0293	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Thallium, Total	0.00056		mg/l	0.00050	0.00014	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Vanadium, Total	0.1774		mg/l	0.00500	0.00157	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM
Zinc, Total	2.126		mg/l	0.01000	0.00341	1	09/12/17 12:00	09/13/17 13:59	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	37.4		mg/l	0.0100	0.00327	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00158	J	mg/l	0.00400	0.00042	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.08658		mg/l	0.00050	0.00016	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Barium, Dissolved	1.482		mg/l	0.00050	0.00017	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	0.00452		mg/l	0.00050	0.00010	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	0.00896		mg/l	0.00020	0.00005	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-06
Client ID: MW01_090717
Sample Location: BRONX, NEW YORK
Matrix: Water

Date Collected: 09/07/17 13:10
Date Received: 09/07/17
Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	550.		mg/l	0.100	0.0394	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.5248		mg/l	0.00100	0.00017	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.06149		mg/l	0.00050	0.00016	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.3684		mg/l	0.00100	0.00038	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Iron, Dissolved	116.		mg/l	0.0500	0.0191	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Lead, Dissolved	3.476		mg/l	0.00500	0.00171	5	09/14/17 13:00	09/14/17 14:55	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	64.1		mg/l	0.0700	0.0242	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Manganese, Dissolved	3.337		mg/l	0.00100	0.00044	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Mercury, Dissolved	0.00336		mg/l	0.00020	0.00006	1	09/08/17 10:56	09/11/17 15:19	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.3140		mg/l	0.00200	0.00055	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Potassium, Dissolved	35.5		mg/l	0.100	0.0309	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.0300		mg/l	0.00500	0.00173	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Silver, Dissolved	0.00653		mg/l	0.00040	0.00016	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Sodium, Dissolved	334.		mg/l	0.100	0.0293	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Thallium, Dissolved	0.00122	J	mg/l	0.00250	0.00071	5	09/14/17 13:00	09/14/17 14:55	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.2045		mg/l	0.00500	0.00157	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM
Zinc, Dissolved	2.352		mg/l	0.01000	0.00341	1	09/14/17 13:00	09/14/17 14:46	EPA 3005A	1,6020A	AM



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-05 Batch: WG1039575-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	09/08/17 08:30	09/08/17 17:51	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06 Batch: WG1039717-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	09/08/17 10:56	09/11/17 15:15	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,06 Batch: WG1039751-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	09/08/17 11:52	09/11/17 19:24	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-05 Batch: WG1039885-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Antimony, Total	ND	mg/kg	2.00	0.152	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Arsenic, Total	ND	mg/kg	0.400	0.083	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Barium, Total	ND	mg/kg	0.400	0.070	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Beryllium, Total	ND	mg/kg	0.200	0.013	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Cadmium, Total	ND	mg/kg	0.400	0.039	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Calcium, Total	1.54	J	mg/kg	4.00	1.40	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.76	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	09/08/17 19:17	09/11/17 13:50	1,6010C	PS
Sodium, Total	2.85	J	mg/kg	80.0	1.26	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/08/17 19:17	09/11/17 17:48	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,06 Batch: WG1040748-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Antimony, Total	0.00065	J	mg/l	0.00400	0.00042	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Chromium, Total	0.00068	J	mg/l	0.00100	0.00017	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Thallium, Total	ND	mg/l	0.00050	0.00014	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/12/17 12:00	09/13/17 12:53	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06 Batch: WG1041736-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Antimony, Dissolved	0.00052	J	mg/l	0.00400	0.00042	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Chromium, Dissolved	0.00045	J	mg/l	0.00100	0.00017	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	09/14/17 13:00	09/14/17 14:26	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05 Batch: WG1039575-2 SRM Lot Number: D093-540								
Mercury, Total	75		-		72-128	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1039717-2								
Mercury, Dissolved	115		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,06 Batch: WG1039751-2								
Mercury, Total	90		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05 Batch: WG1039885-2 SRM Lot Number: D093-540					
Aluminum, Total	67	-	55-146	-	
Antimony, Total	154	-	2-204	-	
Arsenic, Total	100	-	70-130	-	
Barium, Total	89	-	83-117	-	
Beryllium, Total	92	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	89	-	83-117	-	
Chromium, Total	89	-	80-120	-	
Cobalt, Total	94	-	84-116	-	
Copper, Total	93	-	82-118	-	
Iron, Total	87	-	47-153	-	
Lead, Total	91	-	82-117	-	
Magnesium, Total	77	-	77-124	-	
Manganese, Total	92	-	81-119	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	79	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	83	-	76-124	-	
Sodium, Total	94	-	72-128	-	
Thallium, Total	92	-	79-121	-	
Vanadium, Total	90	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05 Batch: WG1039885-2 SRM Lot Number: D093-540					
Zinc, Total	94	-	83-117	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,06 Batch: WG1040748-2					
Aluminum, Total	104	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	101	-	80-120	-	
Calcium, Total	89	-	80-120	-	
Chromium, Total	107	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	110	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	105	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	108	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,06 Batch: WG1040748-2					
Zinc, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Lab Number: L1731603

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1041736-2					
Aluminum, Dissolved	107	-	80-120	-	
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	99	-	80-120	-	
Beryllium, Dissolved	102	-	80-120	-	
Cadmium, Dissolved	108	-	80-120	-	
Calcium, Dissolved	112	-	80-120	-	
Chromium, Dissolved	102	-	80-120	-	
Cobalt, Dissolved	99	-	80-120	-	
Copper, Dissolved	100	-	80-120	-	
Iron, Dissolved	108	-	80-120	-	
Lead, Dissolved	102	-	80-120	-	
Magnesium, Dissolved	109	-	80-120	-	
Manganese, Dissolved	104	-	80-120	-	
Nickel, Dissolved	98	-	80-120	-	
Potassium, Dissolved	107	-	80-120	-	
Selenium, Dissolved	102	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	105	-	80-120	-	
Thallium, Dissolved	95	-	80-120	-	
Vanadium, Dissolved	103	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1041736-2					
Zinc, Dissolved	100	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05 QC Batch ID: WG1039575-3 WG1039575-4 QC Sample: L1731243-04 Client ID: MS Sample												
Mercury, Total	0.02J	0.145	0.14	96		0.12	82		80-120	15		20
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1039717-3 QC Sample: L1731603-06 Client ID: MW01_090717												
Mercury, Dissolved	0.00336	0.005	0.00818	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,06 QC Batch ID: WG1039751-3 QC Sample: L1731510-02 Client ID: MS Sample												
Mercury, Total	0.00731	0.005	0.00731	0	Q	-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-05 QC Batch ID: WG1039885-3 QC Sample: L1728392-02 Client ID: MS Sample									
Aluminum, Total	5080	170	5780	412	Q	-	75-125	-	20
Antimony, Total	ND	42.5	25.2	59	Q	-	75-125	-	20
Arsenic, Total	1.15	10.2	7.69	64	Q	-	75-125	-	20
Barium, Total	41.3	170	140	58	Q	-	75-125	-	20
Beryllium, Total	0.212	4.25	2.60	61	Q	-	75-125	-	20
Cadmium, Total	0.489	4.33	3.07	60	Q	-	75-125	-	20
Calcium, Total	5070	850	5130	7	Q	-	75-125	-	20
Chromium, Total	6.64	17	17.4	63	Q	-	75-125	-	20
Cobalt, Total	1.76	42.5	24.6	54	Q	-	75-125	-	20
Copper, Total	32.5	21.2	49.0	78		-	75-125	-	20
Iron, Total	4600	85	4630	35	Q	-	75-125	-	20
Lead, Total	10.8	43.3	37.6	62	Q	-	75-125	-	20
Magnesium, Total	2930	850	3710	92		-	75-125	-	20
Manganese, Total	148.	42.5	207	139	Q	-	75-125	-	20
Nickel, Total	3.71	42.5	26.6	54	Q	-	75-125	-	20
Potassium, Total	187.	850	805	73	Q	-	75-125	-	20
Selenium, Total	ND	10.2	6.28	62	Q	-	75-125	-	20
Silver, Total	2.18	25.5	19.8	69	Q	-	75-125	-	20
Sodium, Total	79.2J	850	616	72	Q	-	75-125	-	20
Thallium, Total	ND	10.2	5.35	52	Q	-	75-125	-	20
Vanadium, Total	6.88	42.5	33.3	62	Q	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 02-05 QC Batch ID: WG1039885-3 QC Sample: L1728392-02 Client ID: MS Sample										
Zinc, Total	61.9	42.5	87.5	60	Q	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,06 QC Batch ID: WG1040748-3 QC Sample: L1731634-01 Client ID: MS Sample									
Aluminum, Total	0.100	2	2.28	109	-	-	75-125	-	20
Antimony, Total	0.0007J	0.5	0.5701	114	-	-	75-125	-	20
Arsenic, Total	0.01193	0.12	0.1392	106	-	-	75-125	-	20
Barium, Total	0.07318	2	2.139	103	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05273	105	-	-	75-125	-	20
Cadmium, Total	0.0003	0.051	0.05288	103	-	-	75-125	-	20
Calcium, Total	142.	10	152	100	-	-	75-125	-	20
Chromium, Total	0.0011	0.2	0.2220	110	-	-	75-125	-	20
Cobalt, Total	0.0025	0.5	0.5267	105	-	-	75-125	-	20
Copper, Total	0.0010	0.25	0.2663	106	-	-	75-125	-	20
Iron, Total	13.0	1	14.3	130	Q	-	75-125	-	20
Lead, Total	0.00067J	0.51	0.5548	109	-	-	75-125	-	20
Magnesium, Total	16.4	10	28.1	117	-	-	75-125	-	20
Manganese, Total	3.579	0.5	3.995	83	-	-	75-125	-	20
Nickel, Total	0.0036	0.5	0.5338	106	-	-	75-125	-	20
Potassium, Total	6.89	10	17.3	104	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05182	104	-	-	75-125	-	20
Sodium, Total	7.33	10	18.0	107	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1224	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5508	110	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,06 QC Batch ID: WG1040748-3 QC Sample: L1731634-01 Client ID: MS Sample									
Zinc, Total	0.0103	0.5	0.5243	103	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1041736-3 QC Sample: L1731603-06 Client ID: MW01_090717									
Aluminum, Dissolved	37.4	2	48.2	540	Q	-	75-125	-	20
Antimony, Dissolved	0.00158J	0.5	0.1858	37	Q	-	75-125	-	20
Arsenic, Dissolved	0.08658	0.12	0.2210	112		-	75-125	-	20
Barium, Dissolved	1.482	2	3.525	102		-	75-125	-	20
Beryllium, Dissolved	0.00452	0.05	0.05882	108		-	75-125	-	20
Cadmium, Dissolved	0.00896	0.051	0.06798	116		-	75-125	-	20
Calcium, Dissolved	550.	10	548	0	Q	-	75-125	-	20
Chromium, Dissolved	0.5248	0.2	0.7510	113		-	75-125	-	20
Cobalt, Dissolved	0.06149	0.5	0.5944	106		-	75-125	-	20
Copper, Dissolved	0.3684	0.25	0.7975	172	Q	-	75-125	-	20
Iron, Dissolved	116.	1	123	700	Q	-	75-125	-	20
Lead, Dissolved	3.476	0.51	4.121	126	Q	-	75-125	-	20
Magnesium, Dissolved	64.1	10	83.4	193	Q	-	75-125	-	20
Manganese, Dissolved	3.337	0.5	4.004	133	Q	-	75-125	-	20
Nickel, Dissolved	0.3140	0.5	0.8719	112		-	75-125	-	20
Potassium, Dissolved	35.5	10	45.1	96		-	75-125	-	20
Selenium, Dissolved	0.0300	0.12	0.130	83		-	75-125	-	20
Silver, Dissolved	0.00653	0.05	0.06902	125		-	75-125	-	20
Sodium, Dissolved	334.	10	346	120		-	75-125	-	20
Thallium, Dissolved	0.00122J	0.12	0.1221	102		-	75-125	-	20
Vanadium, Dissolved	0.2045	0.5	0.7467	108		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1041736-3 QC Sample: L1731603-06 Client ID: MW01_090717									
Zinc, Dissolved	2.352	0.5	2.833	96	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Project Number: 170487001

Lab Number: L1731603

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1039717-4 QC Sample: L1731603-06 Client ID: MW01_090717						
Mercury, Dissolved	0.00336	0.00283	mg/l	17		20
Total Metals - Mansfield Lab Associated sample(s): 01,06 QC Batch ID: WG1039751-4 QC Sample: L1731510-02 Client ID: DUP Sample						
Mercury, Total	0.00731	0.00796	mg/l	9		20
Total Metals - Mansfield Lab Associated sample(s): 02-05 QC Batch ID: WG1039885-4 QC Sample: L1728392-02 Client ID: DUP Sample						
Silver, Total	2.18	2.13	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01,06 QC Batch ID: WG1040748-4 QC Sample: L1731634-01 Client ID: DUP Sample						
Arsenic, Total	0.01193	0.01226	mg/l	3		20
Barium, Total	0.07318	0.07362	mg/l	1		20
Calcium, Total	142.	141	mg/l	1		20
Iron, Total	13.0	12.8	mg/l	2		20
Lead, Total	0.00067J	0.00068J	mg/l	NC		20
Magnesium, Total	16.4	16.7	mg/l	2		20
Manganese, Total	3.579	3.585	mg/l	0		20
Sodium, Total	7.33	7.38	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Project Number: 170487001

Lab Number: L1731603

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1041736-4 QC Sample: L1731603-06 Client ID: MW01_090717					
Aluminum, Dissolved	37.4	39.7	mg/l	6	20
Antimony, Dissolved	0.00158J	0.00202J	mg/l	NC	20
Arsenic, Dissolved	0.08658	0.09109	mg/l	5	20
Barium, Dissolved	1.482	1.593	mg/l	7	20
Beryllium, Dissolved	0.00452	0.00468	mg/l	4	20
Cadmium, Dissolved	0.00896	0.00899	mg/l	0	20
Calcium, Dissolved	550.	561	mg/l	2	20
Chromium, Dissolved	0.5248	0.5268	mg/l	0	20
Cobalt, Dissolved	0.06149	0.06138	mg/l	0	20
Copper, Dissolved	0.3684	0.3802	mg/l	3	20
Iron, Dissolved	116.	131	mg/l	12	20
Magnesium, Dissolved	64.1	67.2	mg/l	5	20
Manganese, Dissolved	3.337	3.359	mg/l	1	20
Nickel, Dissolved	0.3140	0.3186	mg/l	1	20
Potassium, Dissolved	35.5	37.7	mg/l	6	20
Selenium, Dissolved	0.0300	0.0300	mg/l	0	20
Silver, Dissolved	0.00653	0.00758	mg/l	15	20
Sodium, Dissolved	334.	350	mg/l	5	20
Vanadium, Dissolved	0.2045	0.2099	mg/l	3	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Project Number: 170487001

Lab Number: L1731603

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1041736-4 QC Sample: L1731603-06 Client ID: MW01_090717					
Zinc, Dissolved	2.352	2.377	mg/l	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1041736-4 QC Sample: L1731603-06 Client ID: MW01_090717					
Lead, Dissolved	3.476	3.599	mg/l	3	20
Thallium, Dissolved	0.00122J	0.00128J	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731603-02
Client ID: SB01_11.5-12
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/07/17 09:50
Date Received: 09/07/17
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	84.5		%	0.100	NA	1	-	09/08/17 10:24	121,2540G	RI



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-03
Client ID: SB02_6-7
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/07/17 15:35
Date Received: 09/07/17
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	87.2		%	0.100	NA	1	-	09/08/17 10:24	121,2540G	RI



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-04
Client ID: SB03_18-19
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/07/17 15:40
Date Received: 09/07/17
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	83.6		%	0.100	NA	1	-	09/08/17 10:24	121,2540G	RI



Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731603-05
Client ID: SB04_6-7
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/05/17 17:45
Date Received: 09/07/17
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	92.2		%	0.100	NA	1	-	09/08/17 10:24	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVENUE + EAST 146TH ST.

Project Number: 170487001

Lab Number: L1731603

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1039665-1 QC Sample: L1731648-01 Client ID: DUP Sample						
Solids, Total	86.6	87.3	%	1		20

Project Name: GERARD AVENUE + EAST 146TH ST.**Lab Number:** L1731603**Project Number:** 170487001**Report Date:** 09/15/17**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731603-01A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-01B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-01C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-01D	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	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)
L1731603-01E	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731603-01F	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731603-01G	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1731603-01H	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1731603-01I	Amber 500ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1731603-01J	Amber 500ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1731603-02A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1731603-02B	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-02C	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-02D	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L1731603-02E	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14)

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Serial_No:09151713:16
Lab Number: L1731603
Report Date: 09/15/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731603-02F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	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)
L1731603-03A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1731603-03B	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-03C	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-03D	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L1731603-03E	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14)
L1731603-03F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	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)
L1731603-04A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1731603-04B	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-04C	Vial water preserved	B	NA		3.7	Y	Absent	08-SEP-17 09:51	NYTCL-8260HLW(14)
L1731603-04D	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L1731603-04E	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14)
L1731603-04F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	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)
L1731603-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	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)
L1731603-05B	Glass 60ml unpreserved split	B	NA		3.7	Y	Absent		TS(7)
L1731603-06A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-06B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-06C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)

Project Name: GERARD AVENUE + EAST 146TH ST.

Project Number: 170487001

Serial_No:09151713:16

Lab Number: L1731603

Report Date: 09/15/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731603-06E	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	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)
L1731603-06F	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	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)
L1731603-06G	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731603-06H	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		HOLD-CONTINGENCY(7)
L1731603-06X	Plastic 120ml HNO3 preserved Filtrates	A	NA		4.8	Y	Absent		HOLD-METAL-DISSOLVED(180)
L1731603-06Y	Plastic 250ml unpreserved split	A	7	7	4.8	Y	Absent		-
L1731603-07A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1731603-07B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)

Project Name: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
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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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: GERARD AVENUE + EAST 146TH ST.
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Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
Report Date: 09/15/17

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 ALPHA ANALYTICAL Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #				
			1 of 1	9/7/17	2173/603				
Client Information		Project Information		Deliverables		Billing Information			
Client: LANGAN		Project Name: Gerard Avenue + EAST 146th Street		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUS (1 File) <input type="checkbox"/> EQUS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #			
Address: 360 West 31st Street New York, NY 10001		Project Location: BRONX, New York		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
Phone: 212 479 5400		Project # 170487001		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
Email: mroque@langan.com		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Dissolved metals were field filtered				ANALYSIS				Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.				VOCs SVOCs TAL METALS PCBs/PEST TDH/T & Dissolved Metals				Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
31603 -01	FB02-090717	9/7/16	1545	AQ	VZ	X	X	X	X
02	SB01-115-12		0950	SO		X	X	X	
03	SB02-6-7		1535			X	X	X	X
04	SB03-18-19		1540			X	X	X	
05	SB04-16-7	9/5/17	1745					X	
06	MWD1-D90717	9/7/17	1310	AQ		X	X		X
07	TB03-090717	9/11/17	-	AQ		X			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		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. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: [Signature]		Date/Time: 9/7/17 1626		Received By: [Signature]		Date/Time: 9/7/17 1620			
Relinquished By: Angel B [Signature]		Date/Time: 9/7/17 1824		Received By: [Signature]		Date/Time: 9/7/17 1730			
Relinquished By: [Signature]		Date/Time: 9/7/17 2200		Received By: [Signature]		Date/Time: 9/7/17 22:00			

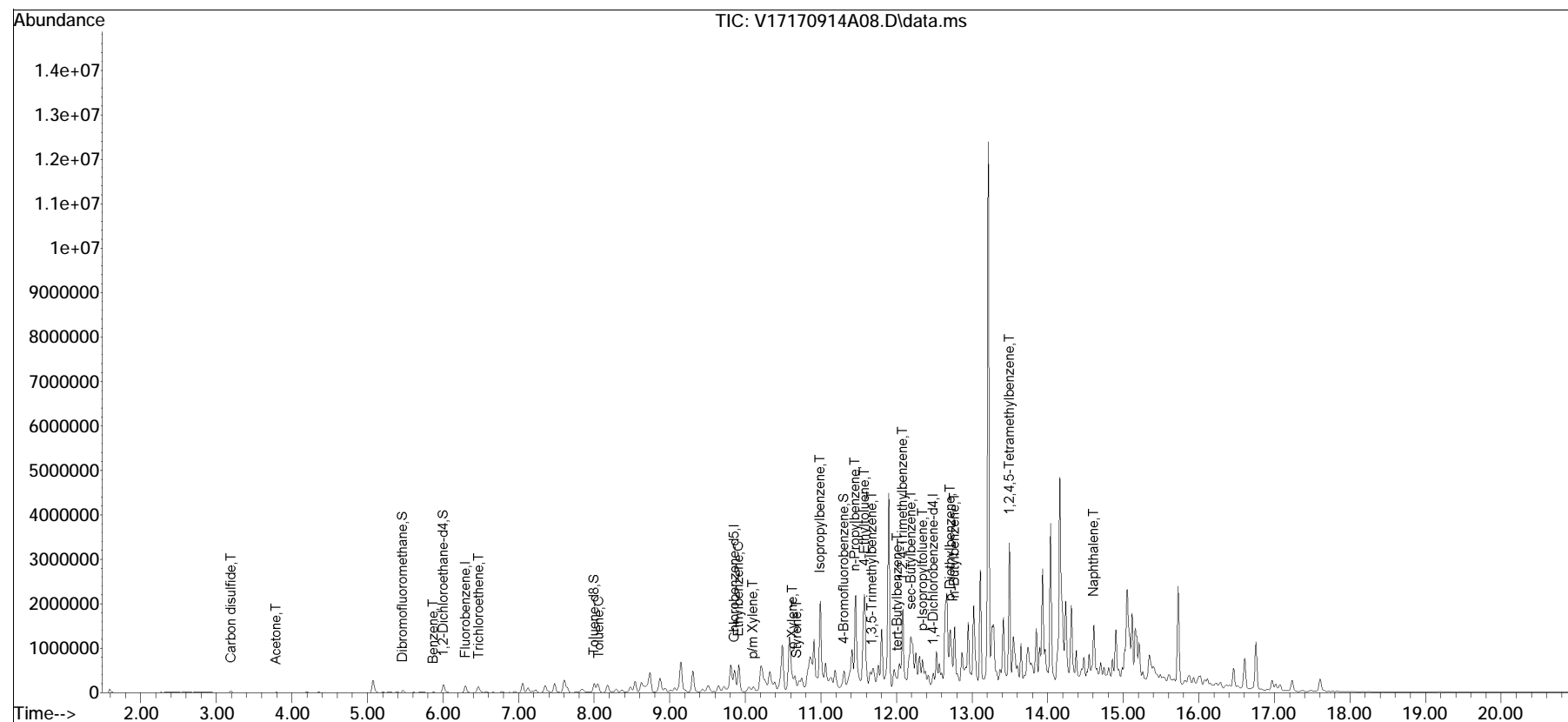
 ALPHA ANALYTICAL	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job # 2173/603		
			1 of 1				
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information	
		Project Name: <i>Gerard Avenue + EAST 146th Street</i>		Project Location: <i>Bronx, New York</i>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUS (1 File) <input type="checkbox"/> EQUS (4 File) <input type="checkbox"/> Other	
Client Information		Project # <i>170487001</i> (Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement		Disposal Site Information	
Client: <i>LANGAN</i> Address: <i>300 WEST 31ST STREET New York, NY 10001</i> Phone: <i>212 479 5400</i> Fax: <i>212 479 5444</i> Email: <i>mroqueja@langan.com</i>		Project Manager: <i>Michele Rogers</i> ALPHAQuote #:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration	
Other project specific requirements/comments: <i>Dissolved metals were field filtered</i>		Please specify Metals or TAL.		VOCs SVOCs TAL METALS PCBs/PEST TDH/T & Dissolved Metals		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments	
		Date	Time				
<i>31603 - 01</i>	<i>FB02-090717</i>	<i>9/7/16</i>	<i>1545</i>	<i>AQ</i>	<i>VZ</i>	<i>X</i>	<i>X</i>
<i>02</i>	<i>SB01-115-12</i>		<i>0950</i>	<i>SO</i>		<i>X</i>	<i>X</i>
<i>03</i>	<i>SB02-6-7</i>		<i>1335</i>			<i>X</i>	<i>X</i>
<i>04</i>	<i>SB03-18-19</i>		<i>1540</i>			<i>X</i>	<i>X</i>
<i>05</i>	<i>SB04-16-7</i>	<i>9/5/17</i>	<i>1745</i>			<i>X</i>	<i>X</i>
<i>06</i>	<i>MWD1-D90717</i>	<i>9/7/17</i>	<i>1310</i>	<i>AQ</i>		<i>X</i>	<i>X</i>
<i>07</i>	<i>TB03-090717</i>	<i>9/11/17</i>	<i>-</i>	<i>AQ</i>		<i>X</i>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative	
Relinquished By: <i>[Signature]</i>		Date/Time: <i>9/7/17 1626</i>		Received By: <i>[Signature]</i>		Date/Time: <i>9/7/17 1620</i>	
Relinquished By: <i>Angel B...</i>		Date/Time: <i>9/7 1824</i>		Received By: <i>[Signature]</i>		Date/Time: <i>9/7 1730</i>	
Relinquished By: <i>[Signature]</i>		Date/Time: <i>9/7 2200</i>		Received By: <i>[Signature]</i>		Date/Time: <i>9/7 22:00</i>	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)							

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2017\170914A\
 Data File : V17170914A08.D
 Acq On : 14 Sep 2017 10:14 am
 Operator : VOA117:MV
 Sample : 11731603-02,31,7.8,5,,c
 Misc : WG1041739,ICAL13981
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 12:29:56 2017
 Quant Method : I:\VOLATILES\VOA117\2017\170914A\V117_170908_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sat Sep 09 10:37:05 2017
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70914A\V17170914A01.D•





ANALYTICAL REPORT

Lab Number:	L1731622
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & 146 STREET
Project Number:	170487001
Report Date:	09/15/17

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), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731622-01	SV01_090716	SOIL_VAPOR	BRONX, NY	09/07/17 13:25	09/07/17
L1731622-02	AA01_090716	AIR	BRONX, NY	09/07/17 13:26	09/07/17

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 5, 2017. The canister certification results are provided as an addendum.

L1731622-01 The presence of Acetone could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

L1731622-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: 09/15/17

AIR

Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-01 D
 Client ID: SV01_090716
 Sample Location: BRONX, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/14/17 23:11
 Analyst: RY

Date Collected: 09/07/17 13:25
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.00	--	ND	19.8	--		20
Chloromethane	ND	4.00	--	ND	8.26	--		20
Freon-114	ND	4.00	--	ND	28.0	--		20
Vinyl chloride	ND	4.00	--	ND	10.2	--		20
1,3-Butadiene	11.5	4.00	--	25.4	8.85	--		20
Bromomethane	ND	4.00	--	ND	15.5	--		20
Chloroethane	ND	4.00	--	ND	10.6	--		20
Ethanol	ND	100	--	ND	188	--		20
Vinyl bromide	ND	4.00	--	ND	17.5	--		20
Acetone	ND	20.0	--	ND	47.5	--		20
Trichlorofluoromethane	ND	4.00	--	ND	22.5	--		20
Isopropanol	ND	10.0	--	ND	24.6	--		20
1,1-Dichloroethene	ND	4.00	--	ND	15.9	--		20
Tertiary butyl Alcohol	ND	10.0	--	ND	30.3	--		20
Methylene chloride	ND	10.0	--	ND	34.7	--		20
3-Chloropropene	ND	4.00	--	ND	12.5	--		20
Carbon disulfide	77.2	4.00	--	240	12.5	--		20
Freon-113	ND	4.00	--	ND	30.7	--		20
trans-1,2-Dichloroethene	ND	4.00	--	ND	15.9	--		20
1,1-Dichloroethane	ND	4.00	--	ND	16.2	--		20
Methyl tert butyl ether	ND	4.00	--	ND	14.4	--		20
2-Butanone	28.3	10.0	--	83.5	29.5	--		20
cis-1,2-Dichloroethene	ND	4.00	--	ND	15.9	--		20
Ethyl Acetate	ND	10.0	--	ND	36.0	--		20



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-01 D

Date Collected: 09/07/17 13:25

Client ID: SV01_090716

Date Received: 09/07/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	4.00	--	ND	19.5	--		20
Tetrahydrofuran	ND	10.0	--	ND	29.5	--		20
1,2-Dichloroethane	ND	4.00	--	ND	16.2	--		20
n-Hexane	1800	4.00	--	6340	14.1	--		20
1,1,1-Trichloroethane	ND	4.00	--	ND	21.8	--		20
Benzene	44.0	4.00	--	141	12.8	--		20
Carbon tetrachloride	ND	4.00	--	ND	25.2	--		20
Cyclohexane	8.68	4.00	--	29.9	13.8	--		20
1,2-Dichloropropane	ND	4.00	--	ND	18.5	--		20
Bromodichloromethane	ND	4.00	--	ND	26.8	--		20
1,4-Dioxane	ND	4.00	--	ND	14.4	--		20
Trichloroethene	ND	4.00	--	ND	21.5	--		20
2,2,4-Trimethylpentane	ND	4.00	--	ND	18.7	--		20
Heptane	855	4.00	--	3500	16.4	--		20
cis-1,3-Dichloropropene	ND	4.00	--	ND	18.2	--		20
4-Methyl-2-pentanone	ND	10.0	--	ND	41.0	--		20
trans-1,3-Dichloropropene	ND	4.00	--	ND	18.2	--		20
1,1,2-Trichloroethane	ND	4.00	--	ND	21.8	--		20
Toluene	13.3	4.00	--	50.1	15.1	--		20
2-Hexanone	ND	4.00	--	ND	16.4	--		20
Dibromochloromethane	ND	4.00	--	ND	34.1	--		20
1,2-Dibromoethane	ND	4.00	--	ND	30.7	--		20
Tetrachloroethene	9.20	4.00	--	62.4	27.1	--		20
Chlorobenzene	ND	4.00	--	ND	18.4	--		20
Ethylbenzene	ND	4.00	--	ND	17.4	--		20
p/m-Xylene	ND	8.00	--	ND	34.7	--		20
Bromoform	ND	4.00	--	ND	41.4	--		20
Styrene	ND	4.00	--	ND	17.0	--		20



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-01 D

Date Collected: 09/07/17 13:25

Client ID: SV01_090716

Date Received: 09/07/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	4.00	--	ND	27.5	--		20
o-Xylene	ND	4.00	--	ND	17.4	--		20
4-Ethyltoluene	ND	4.00	--	ND	19.7	--		20
1,3,5-Trimethylbenzene	ND	4.00	--	ND	19.7	--		20
1,2,4-Trimethylbenzene	ND	4.00	--	ND	19.7	--		20
Benzyl chloride	ND	4.00	--	ND	20.7	--		20
1,3-Dichlorobenzene	ND	4.00	--	ND	24.0	--		20
1,4-Dichlorobenzene	ND	4.00	--	ND	24.0	--		20
1,2-Dichlorobenzene	ND	4.00	--	ND	24.0	--		20
1,2,4-Trichlorobenzene	ND	4.00	--	ND	29.7	--		20
Hexachlorobutadiene	ND	4.00	--	ND	42.7	--		20

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-02
 Client ID: AA01_090716
 Sample Location: BRONX, NY
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/14/17 17:55
 Analyst: RY

Date Collected: 09/07/17 13:26
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.288	0.200	--	1.42	0.989	--		1
Chloromethane	0.682	0.200	--	1.41	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	8.65	5.00	--	16.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.50	1.00	--	13.1	2.38	--		1
Trichlorofluoromethane	0.242	0.200	--	1.36	1.12	--		1
Isopropanol	0.682	0.500	--	1.68	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.559	0.500	--	1.94	1.74	--		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
2-Butanone	0.629	0.500	--	1.86	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-02
 Client ID: AA01_090716
 Sample Location: BRONX, NY

Date Collected: 09/07/17 13:26
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.412	0.200	--	1.45	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.318	0.200	--	1.02	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	0.310	0.200	--	1.45	0.934	--		1
Heptane	0.218	0.200	--	0.893	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.20	0.200	--	4.52	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	0.549	0.200	--	3.72	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
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: GERARD AVE & 146 STREET**Lab Number:** L1731622**Project Number:** 170487001**Report Date:** 09/15/17**SAMPLE RESULTS**

Lab ID: L1731622-02
 Client ID: AA01_090716
 Sample Location: BRONX, NY

Date Collected: 09/07/17 13:26
 Date Received: 09/07/17
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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	87		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	87		60-140



Project Name: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/14/17 14:23

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1041773-4								
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	5.00	--	ND	9.42	--		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
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/14/17 14:23

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1041773-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	2.05	--		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



Project Name: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/14/17 14:23

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1041773-4								
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
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: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS	Qual	LCSD	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1041773-3								
Chlorodifluoromethane	88		-		70-130	-		
Propylene	110		-		70-130	-		
Propane	92		-		70-130	-		
Dichlorodifluoromethane	85		-		70-130	-		
Chloromethane	99		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	98		-		70-130	-		
Methanol	95		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	104		-		70-130	-		
Butane	87		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	97		-		70-130	-		
Ethyl Alcohol	97		-		70-130	-		
Dichlorofluoromethane	92		-		70-130	-		
Vinyl bromide	96		-		70-130	-		
Acrolein	93		-		70-130	-		
Acetone	100		-		70-130	-		
Acetonitrile	92		-		70-130	-		
Trichlorofluoromethane	98		-		70-130	-		
iso-Propyl Alcohol	106		-		70-130	-		
Acrylonitrile	97		-		70-130	-		
Pentane	91		-		70-130	-		
Ethyl ether	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731622

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1041773-3								
1,1-Dichloroethene	99		-		70-130	-		
tert-Butyl Alcohol	91		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	97		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	86		-		70-130	-		
Methyl tert butyl ether	86		-		70-130	-		
Vinyl acetate	99		-		70-130	-		
2-Butanone	78		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		
Ethyl Acetate	104		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	86		-		70-130	-		
1,2-Dichloroethane	96		-		70-130	-		
n-Hexane	107		-		70-130	-		
Isopropyl Ether	96		-		70-130	-		
Ethyl-Tert-Butyl-Ether	97		-		70-130	-		
1,1,1-Trichloroethane	104		-		70-130	-		
1,1-Dichloropropene	101		-		70-130	-		
Benzene	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1041773-3								
Carbon tetrachloride	109		-		70-130	-		
Cyclohexane	107		-		70-130	-		
Tertiary-Amyl Methyl Ether	95		-		70-130	-		
Dibromomethane	103		-		70-130	-		
1,2-Dichloropropane	110		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	112		-		70-130	-		
Trichloroethene	105		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Methyl Methacrylate	134	Q	-		70-130	-		
Heptane	111		-		70-130	-		
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	114		-		70-130	-		
trans-1,3-Dichloropropene	99		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
Toluene	96		-		70-130	-		
1,3-Dichloropropane	93		-		70-130	-		
2-Hexanone	108		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		
Butyl Acetate	95		-		70-130	-		
Octane	90		-		70-130	-		
Tetrachloroethene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Lab Number: L1731622

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1041773-3								
1,1,1,2-Tetrachloroethane	91		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	101		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	104		-		70-130	-		
1,2,3-Trichloropropane	94		-		70-130	-		
Nonane (C9)	97		-		70-130	-		
Isopropylbenzene	93		-		70-130	-		
Bromobenzene	94		-		70-130	-		
o-Chlorotoluene	90		-		70-130	-		
n-Propylbenzene	90		-		70-130	-		
p-Chlorotoluene	89		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	100		-		70-130	-		
tert-Butylbenzene	95		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Decane (C10)	98		-		70-130	-		
Benzyl chloride	107		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731622

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1041773-3								
sec-Butylbenzene	94		-		70-130	-		
p-Isopropyltoluene	88		-		70-130	-		
1,2-Dichlorobenzene	97		-		70-130	-		
n-Butylbenzene	99		-		70-130	-		
1,2-Dibromo-3-chloropropane	98		-		70-130	-		
Undecane	106		-		70-130	-		
Dodecane (C12)	124		-		70-130	-		
1,2,4-Trichlorobenzene	107		-		70-130	-		
Naphthalene	97		-		70-130	-		
1,2,3-Trichlorobenzene	94		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731622

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1041773-5 QC Sample: L1731839-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.510	0.304	ppbV	51	Q	25
Chloromethane	0.463	0.438	ppbV	6		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
Vinyl bromide	ND	ND	ppbV	NC		25
Acrolein	ND	ND	ppbV	NC		25
Acetone	2.85	2.86	ppbV	0		25
Trichlorofluoromethane	0.207	0.211	ppbV	2		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
Acrylonitrile	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	0.891	0.821	ppbV	8		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731622

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1041773-5 QC Sample: L1731839-01 Client ID: DUP Sample						
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		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
Methyl Methacrylate	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	ND	ND	ppbV	NC		25
1,3-Dichloropropane	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Lab Number: L1731622

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1041773-5 QC Sample: L1731839-01 Client ID: DUP Sample						
p/m-Xylene	ND	ND	ppbV	NC		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	ND	ND	ppbV	NC		25
Isopropylbenzene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	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
Naphthalene	ND	ND	ppbV	NC		25

Project Name: GERARD AVE & 146 STREET

Project Number: 170487001

Serial_No:09151714:33
Lab Number: L1731622

Report Date: 09/15/17

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
L1731622-01	SV01_090716	0232	Flow 4	09/05/17	248735		-	-	-	Pass	18.0	20.7	14
L1731622-01	SV01_090716	455	2.7L Can	09/05/17	248735	L1722399-01	Pass	-29.4	-4.2	-	-	-	-
L1731622-02	AA01_090716	0073	Flow 3	09/07/17	248886		-	-	-	Pass	17.8	17.9	1
L1731622-02	AA01_090716	103	2.7L Can	09/05/17	248735	L1724303-01	Pass	-29.9	-6.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01
 Client ID: CAN 455 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/30/17 19:32
 Analyst: RY

Date Collected: 06/29/17 16:00
 Date Received: 06/30/17
 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	0.500	--	ND	0.902	--		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	5.00	--	ND	9.42	--		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	0.500	--	ND	1.09	--		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: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01 Date Collected: 06/29/17 16:00
 Client ID: CAN 455 SHELF 8 Date Received: 06/30/17
 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								
Methylene chloride	ND	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	1.47	--		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: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01 Date Collected: 06/29/17 16:00
 Client ID: CAN 455 SHELF 8 Date Received: 06/30/17
 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	0.500	--	ND	2.05	--		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: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01
 Client ID: CAN 455 SHELF 8
 Sample Location:

Date Collected: 06/29/17 16:00
 Date Received: 06/30/17
 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: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01 Date Collected: 06/29/17 16:00
 Client ID: CAN 455 SHELF 8 Date Received: 06/30/17
 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	90		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01
 Client ID: CAN 455 SHELF 8
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/30/17 19:32
 Analyst: RY

Date Collected: 06/29/17 16:00
 Date Received: 06/30/17
 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	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		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	1.00	--	ND	2.38	--		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	0.500	--	ND	1.74	--		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	0.200	--	ND	0.721	--		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: L1722399
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01
 Client ID: CAN 455 SHELF 8
 Sample Location:

Date Collected: 06/29/17 16:00
 Date Received: 06/30/17
 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	0.100	--	ND	0.461	--		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	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION

Lab Number: L1722399

Project Number: CANISTER QC BAT

Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1722399-01

Date Collected: 06/29/17 16:00

Client ID: CAN 455 SHELF 8

Date Received: 06/30/17

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-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	92		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01
 Client ID: CAN 554 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 07/17/17 17:28
 Analyst: MB

Date Collected: 07/14/17 16:00
 Date Received: 07/17/17
 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	0.500	--	ND	0.902	--		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	5.00	--	ND	9.42	--		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	0.500	--	ND	1.09	--		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

Lab Number: L1724303

Project Number: CANISTER QC BAT

Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01

Date Collected: 07/14/17 16:00

Client ID: CAN 554 SHELF 7

Date Received: 07/17/17

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								
Methylene chloride	ND	0.500	--	ND	1.74	--		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	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		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	0.500	--	ND	1.47	--		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: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01 Date Collected: 07/14/17 16:00
 Client ID: CAN 554 SHELF 7 Date Received: 07/17/17
 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	0.500	--	ND	2.05	--		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: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01
 Client ID: CAN 554 SHELF 7
 Sample Location:

Date Collected: 07/14/17 16:00
 Date Received: 07/17/17
 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: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01
 Client ID: CAN 554 SHELF 7
 Sample Location:

Date Collected: 07/14/17 16:00
 Date Received: 07/17/17
 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	91		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01
 Client ID: CAN 554 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/17/17 17:28
 Analyst: MB

Date Collected: 07/14/17 16:00
 Date Received: 07/17/17
 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	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		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	1.00	--	ND	2.38	--		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	0.500	--	ND	1.74	--		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	0.200	--	ND	0.721	--		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

Lab Number: L1724303

Project Number: CANISTER QC BAT

Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01

Date Collected: 07/14/17 16:00

Client ID: CAN 554 SHELF 7

Date Received: 07/17/17

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								
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	0.100	--	ND	0.461	--		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	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1724303
Report Date: 09/15/17

Air Canister Certification Results

Lab ID: L1724303-01
 Client ID: CAN 554 SHELF 7
 Sample Location:

Date Collected: 07/14/17 16:00
 Date Received: 07/17/17
 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-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	92		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	100		60-140

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Serial_No:09151714:33
Lab Number: L1731622
Report Date: 09/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731622-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1731622-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: Data Usability Report



Project Name: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVE & 146 STREET
Project Number: 170487001

Lab Number: L1731622
Report Date: 09/15/17

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: LANGAN
 Address: 360 West 31st St
New York, NY
 Phone: 212 479 5400
 Fax: 212 479 5444
 Email: mrogers@Langan.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

Project Information

Project Name: Clerard Ave + 146 Street
 Project Location: Bronx, NY
 Project #: 170487001
 Project Manager: Michele Rogers
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
 Date Due: Time:

Date Rec'd in Lab: 9/8/17

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)

ALPHA Job #: L1731622

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH <small>Subtract Non-petroleum HCs</small>	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
<u>162201</u>	<u>SV01-090716</u>	<u>9/7/17</u>	<u>1126</u>	<u>1325</u>	<u>-29.36</u>	<u>-3.72</u>	<u>SV</u>	<u>VZ</u>	<u>2.7L</u>	<u>455</u>	<u>0232</u>	<u>X</u>					<u>PID = 16 ppm</u>
<u>162201</u>	<u>AA01-090716</u>	<u>9/7/17</u>	<u>1126</u>	<u>1326</u>	<u>-29.42</u>	<u>-6.45</u>	<u>AA</u>	<u>VZ</u>	<u>2.7L</u>	<u>103</u>	<u>0073</u>	<u>X</u>					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type 2.7 L-summa

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
<u>[Signature]</u>	<u>9/7/17 1626</u>	<u>[Signature]</u>	<u>9/7/17 1626</u>
<u>[Signature]</u>	<u>9/7/17 1824</u>	<u>[Signature]</u>	<u>9/7/17 2230</u>
<u>[Signature]</u>	<u>9/8/17 0200</u>	<u>[Signature]</u>	<u>9/8/17 0200</u>
<u>[Signature]</u>	<u>9/08/17 0450</u>	<u>[Signature]</u>	<u>9/8/17 04:50</u>



ANALYTICAL REPORT

Lab Number:	L1731771
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & EAST 146TH STREET
Project Number:	170487001
Report Date:	09/15/17

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), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1731771-01	MW08_090817	WATER	BRONX, NY	09/08/17 11:25	09/08/17
L1731771-02	MW06_090817	WATER	BRONX, NY	09/08/17 13:37	09/08/17
L1731771-03	FB03_090817	WATER	BRONX, NY	09/08/17 13:50	09/08/17
L1731771-04	TB03_090817	WATER	BRONX, NY	09/08/17 00:00	09/08/17

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

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.

PCBs

L1731771-01, -02, and -03: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

The WG1041197-3 MS recovery, performed on L1731771-01, is outside the acceptance criteria for sodium (51%). A post digestion spike was performed and was within acceptance criteria.

Dissolved Metals

L1731771-03: The Field Blank has a result for copper, manganese, nickel and sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1041626-3 MS recovery for calcium (145%), performed on L1731771-01, does not apply because the sample concentration is greater than four times the spike amount added.

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:

 Cristin Walker

Title: Technical Director/Representative

Date: 09/15/17

ORGANICS

VOLATILES

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/14/17 03:07
Analyst: PD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
 Client ID: MW08_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 11:25
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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	1.2	J	ug/l	2.5	0.70	1
sec-Butylbenzene	5.3		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	4.6		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	3.3		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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
 Client ID: MW08_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 11:25
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	7.6		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.85	J	ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	101		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02 D
 Client ID: MW06_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/14/17 12:42
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	5.4		ug/l	1.0	0.32	2
Toluene	1.8	J	ug/l	5.0	1.4	2
Ethylbenzene	170		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02 D

Date Collected: 09/08/17 13:37

Client ID: MW06_090817

Date Received: 09/08/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	16		ug/l	5.0	1.4	2
o-Xylene	2.4	J	ug/l	5.0	1.4	2
Xylenes, Total	18	J	ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	18		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	3.8	J	ug/l	5.0	1.4	2
sec-Butylbenzene	2.6	J	ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	45		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	140		ug/l	5.0	1.4	2
n-Propylbenzene	73		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	33		ug/l	5.0	1.4	2

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02 D
 Client ID: MW06_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	10		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	19		ug/l	4.0	1.4	2
p-Ethyltoluene	14		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	20		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	83		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/14/17 02:31
Analyst: PD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03

Date Collected: 09/08/17 13:50

Client ID: FB03_090817

Date Received: 09/08/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	101		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-04
Client ID: TB03_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 00:00
Date Received: 09/08/17
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 09/14/17 01:55
Analyst: PD

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	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	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	0.13	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
1,3-Dichloropropene, Total	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	0.17	1
Benzene	ND		ug/l	0.50	0.16	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	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-04

Date Collected: 09/08/17 00:00

Client ID: TB03_090817

Date Received: 09/08/17

Sample Location: BRONX, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-04
 Client ID: TB03_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 00:00
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 22:20
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1041560-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/13/17 22:20
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1041560-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/13/17 22:20
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1041560-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	100		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/14/17 08:55
 Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1041740-5					
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	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
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	0.13
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
1,3-Dichloropropene, Total	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	0.17
Benzene	ND		ug/l	0.50	0.16
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	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/14/17 08:55
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1041740-5					
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
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
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

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/14/17 08:55
Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1041740-5					
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
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	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
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

Project Name: GERARD AVE & EAST 146TH STREET**Lab Number:** L1731771**Project Number:** 170487001**Report Date:** 09/15/17**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/14/17 08:55
 Analyst: BD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1041740-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1041560-3 WG1041560-4								
Methylene chloride	81		80		70-130	1		20
1,1-Dichloroethane	77		78		70-130	1		20
Chloroform	87		88		70-130	1		20
Carbon tetrachloride	81		83		63-132	2		20
1,2-Dichloropropane	84		85		70-130	1		20
Dibromochloromethane	92		94		63-130	2		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	95		98		70-130	3		20
Chlorobenzene	92		94		75-130	2		20
Trichlorofluoromethane	81		84		62-150	4		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	80		84		67-130	5		20
Bromodichloromethane	90		92		67-130	2		20
trans-1,3-Dichloropropene	86		88		70-130	2		20
cis-1,3-Dichloropropene	80		82		70-130	2		20
1,1-Dichloropropene	74		78		70-130	5		20
Bromoform	93		95		54-136	2		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	82		84		70-130	2		20
Toluene	86		89		70-130	3		20
Ethylbenzene	91		93		70-130	2		20
Chloromethane	25	Q	24	Q	64-130	4		20
Bromomethane	55		56		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1041560-3 WG1041560-4								
Vinyl chloride	61		63		55-140	3		20
Chloroethane	71		69		55-138	3		20
1,1-Dichloroethene	68		72		61-145	6		20
trans-1,2-Dichloroethene	76		77		70-130	1		20
Trichloroethene	80		83		70-130	4		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	91		93		70-130	2		20
1,4-Dichlorobenzene	92		94		70-130	2		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	85		83		70-130	2		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	99		98		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	52		54		36-147	4		20
Acetone	110		130		58-148	17		20
Carbon disulfide	45	Q	47	Q	51-130	4		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1041560-3 WG1041560-4								
Bromochloromethane	94		95		70-130	1		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	98		99		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	95		97		70-130	2		20
n-Butylbenzene	83		86		53-136	4		20
sec-Butylbenzene	84		87		70-130	4		20
tert-Butylbenzene	83		86		70-130	4		20
o-Chlorotoluene	84		85		70-130	1		20
p-Chlorotoluene	82		83		70-130	1		20
1,2-Dibromo-3-chloropropane	110		120		41-144	9		20
Hexachlorobutadiene	89		94		63-130	5		20
Isopropylbenzene	83		86		70-130	4		20
p-Isopropyltoluene	85		88		70-130	3		20
Naphthalene	130		130		70-130	0		20
n-Propylbenzene	84		87		69-130	4		20
1,2,3-Trichlorobenzene	140	Q	140	Q	70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	86		88		64-130	2		20
1,2,4-Trimethylbenzene	86		88		70-130	2		20
1,4-Dioxane	122		126		56-162	3		20
p-Diethylbenzene	83		85		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1041560-3 WG1041560-4								
p-Ethyltoluene	82		86		70-130	5		20
1,2,4,5-Tetramethylbenzene	85		87		70-130	2		20
Ethyl ether	92		93		59-134	1		20
trans-1,4-Dichloro-2-butene	82		86		70-130	5		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	85		85		70-130
Dibromofluoromethane	104		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1041740-3 WG1041740-4								
Methylene chloride	93		87		70-130	7		20
1,1-Dichloroethane	94		88		70-130	7		20
Chloroform	93		88		70-130	6		20
Carbon tetrachloride	84		78		63-132	7		20
1,2-Dichloropropane	99		93		70-130	6		20
Dibromochloromethane	98		96		63-130	2		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	82		77		70-130	6		20
Chlorobenzene	94		88		75-130	7		20
Trichlorofluoromethane	86		78		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	87		81		67-130	7		20
Bromodichloromethane	97		93		67-130	4		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	98		94		70-130	4		20
1,1-Dichloropropene	89		83		70-130	7		20
Bromoform	96		94		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	90		84		70-130	7		20
Toluene	95		89		70-130	7		20
Ethylbenzene	96		90		70-130	6		20
Chloromethane	88		81		64-130	8		20
Bromomethane	46		53		39-139	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1041740-3 WG1041740-4								
Vinyl chloride	89		83		55-140	7		20
Chloroethane	81		72		55-138	12		20
1,1-Dichloroethene	80		74		61-145	8		20
trans-1,2-Dichloroethene	83		78		70-130	6		20
Trichloroethene	87		82		70-130	6		20
1,2-Dichlorobenzene	97		94		70-130	3		20
1,3-Dichlorobenzene	94		90		70-130	4		20
1,4-Dichlorobenzene	96		91		70-130	5		20
Methyl tert butyl ether	99		97		63-130	2		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	88		82		70-130	7		20
Dibromomethane	100		97		70-130	3		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	120		110		70-130	9		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	77		72		36-147	7		20
Acetone	130		120		58-148	8		20
Carbon disulfide	84		75		51-130	11		20
2-Butanone	120		110		63-138	9		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	120		120		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1041740-3 WG1041740-4								
Bromochloromethane	87		83		70-130	5		20
2,2-Dichloropropane	95		88		63-133	8		20
1,2-Dibromoethane	110		100		70-130	10		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	92		89		64-130	3		20
Bromobenzene	91		89		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		94		70-130	6		20
tert-Butylbenzene	97		91		70-130	6		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	100		99		41-144	1		20
Hexachlorobutadiene	84		83		63-130	1		20
Isopropylbenzene	98		93		70-130	5		20
p-Isopropyltoluene	97		91		70-130	6		20
Naphthalene	230	Q	140	Q	70-130	49	Q	20
n-Propylbenzene	100		97		69-130	3		20
1,2,3-Trichlorobenzene	110		120		70-130	9		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	98		93		64-130	5		20
1,2,4-Trimethylbenzene	100		94		70-130	6		20
1,4-Dioxane	90		114		56-162	24	Q	20
p-Diethylbenzene	98		92		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1041740-3 WG1041740-4								
p-Ethyltoluene	99		93		70-130	6		20
1,2,4,5-Tetramethylbenzene	92		86		70-130	7		20
Ethyl ether	94		88		59-134	7		20
trans-1,4-Dichloro-2-butene	120		110		70-130	9		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	113		114		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	93		92		70-130

SEMIVOLATILES

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/14/17 15:02
Analyst: SZ

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.71	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.68	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.64	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.99	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.70	1
Carbazole	ND		ug/l	1.9	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	46		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 21:29
Analyst: DV

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.31		ug/l	0.11	0.04	1
2-Chloronaphthalene	ND		ug/l	0.22	0.04	1
Fluoranthene	0.46		ug/l	0.11	0.04	1
Hexachlorobutadiene	ND		ug/l	0.54	0.04	1
Naphthalene	0.24		ug/l	0.11	0.05	1
Benzo(a)anthracene	0.13		ug/l	0.11	0.02	1
Benzo(a)pyrene	0.11		ug/l	0.11	0.04	1
Benzo(b)fluoranthene	0.18		ug/l	0.11	0.02	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.11	0.05	1
Chrysene	0.12		ug/l	0.11	0.04	1
Acenaphthylene	ND		ug/l	0.11	0.04	1
Anthracene	0.07	J	ug/l	0.11	0.04	1
Benzo(ghi)perylene	0.06	J	ug/l	0.11	0.05	1
Fluorene	0.06	J	ug/l	0.11	0.04	1
Phenanthrene	0.15		ug/l	0.11	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.11	0.04	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.11	0.04	1
Pyrene	0.41		ug/l	0.11	0.04	1
2-Methylnaphthalene	0.33		ug/l	0.11	0.05	1
Pentachlorophenol	ND		ug/l	0.86	0.24	1
Hexachlorobenzene	ND		ug/l	0.86	0.03	1
Hexachloroethane	ND		ug/l	0.86	0.03	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
 Client ID: MW08_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 11:25
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	65		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
Client ID: MW06_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/14/17 15:30
Analyst: SZ

Date Collected: 09/08/17 13:37
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.65	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.71	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.68	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.6	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.73	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.88	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.67	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.61	1
Dimethyl phthalate	ND		ug/l	4.8	0.63	1
Biphenyl	ND		ug/l	1.9	0.73	1
4-Chloroaniline	ND		ug/l	4.8	0.61	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.7	0.64	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
 Client ID: MW06_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	4.8	0.82	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.66	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.60	1
2-Chlorophenol	ND		ug/l	1.9	0.61	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.7	1.5	1
4-Nitrophenol	ND		ug/l	9.7	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.7	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.99	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.69	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.70	1
Carbazole	ND		ug/l	1.9	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	50		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
Client ID: MW06_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 14:17
Analyst: KL

Date Collected: 09/08/17 13:37
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	0.04	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.04	1
Naphthalene	47	E	ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.03	1
Anthracene	ND		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	0.04	J	ug/l	0.10	0.04	1
Phenanthrene	0.07	J	ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.04	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	14		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.77	0.21	1
Hexachlorobenzene	ND		ug/l	0.77	0.03	1
Hexachloroethane	ND		ug/l	0.77	0.03	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
 Client ID: MW06_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	70		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02 D
 Client ID: MW06_090817
 Sample Location: BRONX, NY
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 09/14/17 18:49
 Analyst: DV

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	43		ug/l	0.48	0.21	5

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 09/14/17 15:59
Analyst: SZ

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	54		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 09/14/17 14:41
Analyst: KL

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.08	J	ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
 Client ID: FB03_090817
 Sample Location: BRONX, NY

Date Collected: 09/08/17 13:50
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	79		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/17 08:46
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1040338-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/17 08:46
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1040338-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/13/17 08:46
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1040338-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	8.79	J	ug/l
Unknown	8.79	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	61		41-149

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/13/17 16:26
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1040341-1					
Acenaphthene	0.04	J	ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	0.06	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 09/13/17 16:26
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 09/11/17 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1040341-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	72		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1040338-2 WG1040338-3								
Acenaphthene	69		72		37-111	4		30
1,2,4-Trichlorobenzene	66		68		39-98	3		30
Hexachlorobenzene	69		76		40-140	10		30
Bis(2-chloroethyl)ether	69		73		40-140	6		30
2-Chloronaphthalene	73		77		40-140	5		30
1,2-Dichlorobenzene	66		69		40-140	4		30
1,3-Dichlorobenzene	62		65		40-140	5		30
1,4-Dichlorobenzene	65		66		36-97	2		30
3,3'-Dichlorobenzidine	67		69		40-140	3		30
2,4-Dinitrotoluene	86		92		48-143	7		30
2,6-Dinitrotoluene	79		87		40-140	10		30
Fluoranthene	76		82		40-140	8		30
4-Chlorophenyl phenyl ether	69		74		40-140	7		30
4-Bromophenyl phenyl ether	67		76		40-140	13		30
Bis(2-chloroisopropyl)ether	83		87		40-140	5		30
Bis(2-chloroethoxy)methane	75		81		40-140	8		30
Hexachlorobutadiene	64		65		40-140	2		30
Hexachlorocyclopentadiene	39	Q	43		40-140	10		30
Hexachloroethane	73		73		40-140	0		30
Isophorone	79		84		40-140	6		30
Naphthalene	68		70		40-140	3		30
Nitrobenzene	77		83		40-140	8		30
NDPA/DPA	75		82		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1040338-2 WG1040338-3								
n-Nitrosodi-n-propylamine	78		86		29-132	10		30
Bis(2-ethylhexyl)phthalate	88		92		40-140	4		30
Butyl benzyl phthalate	90		100		40-140	11		30
Di-n-butylphthalate	82		87		40-140	6		30
Di-n-octylphthalate	88		94		40-140	7		30
Diethyl phthalate	82		86		40-140	5		30
Dimethyl phthalate	77		83		40-140	8		30
Benzo(a)anthracene	75		79		40-140	5		30
Benzo(a)pyrene	83		87		40-140	5		30
Benzo(b)fluoranthene	82		86		40-140	5		30
Benzo(k)fluoranthene	76		82		40-140	8		30
Chrysene	71		77		40-140	8		30
Acenaphthylene	75		81		45-123	8		30
Anthracene	74		79		40-140	7		30
Benzo(ghi)perylene	84		84		40-140	0		30
Fluorene	74		78		40-140	5		30
Phenanthrene	72		79		40-140	9		30
Dibenzo(a,h)anthracene	81		82		40-140	1		30
Indeno(1,2,3-cd)pyrene	88		88		40-140	0		30
Pyrene	75		83		26-127	10		30
Biphenyl	74		78		40-140	5		30
4-Chloroaniline	62		62		40-140	0		30
2-Nitroaniline	88		96		52-143	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1040338-2 WG1040338-3								
3-Nitroaniline	71		74		25-145	4		30
4-Nitroaniline	76		82		51-143	8		30
Dibenzofuran	71		77		40-140	8		30
2-Methylnaphthalene	71		74		40-140	4		30
1,2,4,5-Tetrachlorobenzene	69		74		2-134	7		30
Acetophenone	75		81		39-129	8		30
2,4,6-Trichlorophenol	78		85		30-130	9		30
p-Chloro-m-cresol	86		92		23-97	7		30
2-Chlorophenol	72		76		27-123	5		30
2,4-Dichlorophenol	80		87		30-130	8		30
2,4-Dimethylphenol	76		81		30-130	6		30
2-Nitrophenol	82		88		30-130	7		30
4-Nitrophenol	68		63		10-80	8		30
2,4-Dinitrophenol	75		80		20-130	6		30
4,6-Dinitro-o-cresol	83		89		20-164	7		30
Pentachlorophenol	59		66		9-103	11		30
Phenol	41		44		12-110	7		30
2-Methylphenol	66		72		30-130	9		30
3-Methylphenol/4-Methylphenol	64		70		30-130	9		30
2,4,5-Trichlorophenol	76		84		30-130	10		30
Benzoic Acid	16		25		10-164	44	Q	30
Benzyl Alcohol	70		73		26-116	4		30
Carbazole	79		85		55-144	7		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & EAST 146TH STREET**Lab Number:** L1731771**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1040338-2 WG1040338-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		52		21-120
Phenol-d6	36		38		10-120
Nitrobenzene-d5	77		80		23-120
2-Fluorobiphenyl	68		73		15-120
2,4,6-Tribromophenol	77		83		10-120
4-Terphenyl-d14	67		75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1040341-2 WG1040341-3								
Acenaphthene	60		67		37-111	11		40
2-Chloronaphthalene	59		70		40-140	17		40
Fluoranthene	62		71		40-140	14		40
Hexachlorobutadiene	54		61		40-140	12		40
Naphthalene	56		64		40-140	13		40
Benzo(a)anthracene	63		74		40-140	16		40
Benzo(a)pyrene	60		70		40-140	15		40
Benzo(b)fluoranthene	65		76		40-140	16		40
Benzo(k)fluoranthene	68		78		40-140	14		40
Chrysene	60		70		40-140	15		40
Acenaphthylene	67		77		40-140	14		40
Anthracene	62		70		40-140	12		40
Benzo(ghi)perylene	68		80		40-140	16		40
Fluorene	59		68		40-140	14		40
Phenanthrene	58		66		40-140	13		40
Dibenzo(a,h)anthracene	63		74		40-140	16		40
Indeno(1,2,3-cd)pyrene	67		79		40-140	16		40
Pyrene	61		71		26-127	15		40
2-Methylnaphthalene	59		68		40-140	14		40
Pentachlorophenol	49		59		9-103	19		40
Hexachlorobenzene	52		60		40-140	14		40
Hexachloroethane	56		63		40-140	12		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & EAST 146TH STREET**Lab Number:** L1731771**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1040341-2 WG1040341-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	35		38		21-120
Phenol-d6	25		28		10-120
Nitrobenzene-d5	59		67		23-120
2-Fluorobiphenyl	55		63		15-120
2,4,6-Tribromophenol	51		56		10-120
4-Terphenyl-d14	55		62		41-149

PCBS

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/12/17 14:38
Analyst: AF

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 09/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.120	0.028	1	A
Aroclor 1221	ND		ug/l	0.120	0.046	1	A
Aroclor 1232	ND		ug/l	0.120	0.039	1	A
Aroclor 1242	ND		ug/l	0.120	0.043	1	A
Aroclor 1248	ND		ug/l	0.120	0.033	1	A
Aroclor 1254	ND		ug/l	0.120	0.050	1	A
Aroclor 1260	ND		ug/l	0.120	0.029	1	A
Aroclor 1262	ND		ug/l	0.120	0.025	1	A
Aroclor 1268	ND		ug/l	0.120	0.039	1	A
PCBs, Total	ND		ug/l	0.120	0.025	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
Client ID: MW06_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/12/17 14:50
Analyst: AF

Date Collected: 09/08/17 13:37
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 09/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.111	0.026	1	A
Aroclor 1221	ND		ug/l	0.111	0.043	1	A
Aroclor 1232	ND		ug/l	0.111	0.036	1	A
Aroclor 1242	ND		ug/l	0.111	0.040	1	A
Aroclor 1248	ND		ug/l	0.111	0.030	1	A
Aroclor 1254	ND		ug/l	0.111	0.046	1	A
Aroclor 1260	ND		ug/l	0.111	0.027	1	A
Aroclor 1262	ND		ug/l	0.111	0.023	1	A
Aroclor 1268	ND		ug/l	0.111	0.036	1	A
PCBs, Total	ND		ug/l	0.111	0.023	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/12/17 15:03
Analyst: AF

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 09/11/17 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 09/12/17
Cleanup Method: EPA 3660B
Cleanup Date: 09/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.100	0.024	1	A
Aroclor 1221	ND		ug/l	0.100	0.038	1	A
Aroclor 1232	ND		ug/l	0.100	0.033	1	A
Aroclor 1242	ND		ug/l	0.100	0.036	1	A
Aroclor 1248	ND		ug/l	0.100	0.027	1	A
Aroclor 1254	ND		ug/l	0.100	0.042	1	A
Aroclor 1260	ND		ug/l	0.100	0.024	1	A
Aroclor 1262	ND		ug/l	0.100	0.021	1	A
Aroclor 1268	ND		ug/l	0.100	0.033	1	A
PCBs, Total	ND		ug/l	0.100	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 09/12/17 04:43
 Analyst: JA

Extraction Method: EPA 3510C
 Extraction Date: 09/11/17 16:42
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/11/17
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/12/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1040447-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1040447-2 WG1040447-3									
Aroclor 1016	105		103		40-140	2		50	A
Aroclor 1260	95		91		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	A
Decachlorobiphenyl	61		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		79		30-150	B
Decachlorobiphenyl	62		62		30-150	B

METALS

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
 Client ID: MW08_090817
 Sample Location: BRONX, NY
 Matrix: Water

Date Collected: 09/08/17 11:25
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.372		mg/l	0.0100	0.00327	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Antimony, Total	0.00127	J	mg/l	0.00400	0.00042	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00099		mg/l	0.00050	0.00016	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Barium, Total	0.01548		mg/l	0.00300	0.00017	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Calcium, Total	54.8		mg/l	0.100	0.0394	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Chromium, Total	0.00496		mg/l	0.00100	0.00017	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00053	J	mg/l	0.00100	0.00016	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Copper, Total	0.02846		mg/l	0.00100	0.00038	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Iron, Total	0.922		mg/l	0.0500	0.0191	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Lead, Total	0.02285		mg/l	0.00100	0.00034	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Magnesium, Total	9.18		mg/l	0.0700	0.0242	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Manganese, Total	0.07577		mg/l	0.00100	0.00044	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/11/17 11:33	09/12/17 17:21	EPA 7470A	1,7470A	MG
Nickel, Total	0.00467		mg/l	0.00200	0.00055	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Potassium, Total	5.58		mg/l	0.100	0.0309	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Sodium, Total	19.1		mg/l	0.100	0.0293	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00414	J	mg/l	0.00500	0.00157	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM
Zinc, Total	0.02179		mg/l	0.01000	0.00341	1	09/13/17 12:20	09/14/17 10:40	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	0.0332		mg/l	0.0100	0.00327	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00148	J	mg/l	0.00400	0.00042	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00067		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.01260		mg/l	0.00050	0.00017	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-01
Client ID: MW08_090817
Sample Location: BRONX, NY
Matrix: Water

Date Collected: 09/08/17 11:25
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	42.1		mg/l	0.100	0.0394	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00075	J	mg/l	0.00100	0.00017	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00022	J	mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00980		mg/l	0.00100	0.00038	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0373	J	mg/l	0.0500	0.0191	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00071	J	mg/l	0.00100	0.00034	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	8.50		mg/l	0.0700	0.0242	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.05584		mg/l	0.00100	0.00044	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/14/17 19:20	09/14/17 23:16	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00187	J	mg/l	0.00200	0.00055	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Potassium, Dissolved	5.19		mg/l	0.100	0.0309	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Sodium, Dissolved	18.2		mg/l	0.100	0.0293	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.00318	J	mg/l	0.00500	0.00157	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00797	J	mg/l	0.01000	0.00341	1	09/14/17 10:49	09/15/17 09:43	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
 Client ID: MW06_090817
 Sample Location: BRONX, NY
 Matrix: Water

Date Collected: 09/08/17 13:37
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11.2		mg/l	0.0100	0.00327	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Antimony, Total	0.00180	J	mg/l	0.00400	0.00042	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00810		mg/l	0.00050	0.00016	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Barium, Total	0.4996		mg/l	0.00300	0.00017	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00084		mg/l	0.00050	0.00010	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00016	J	mg/l	0.00020	0.00005	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Calcium, Total	230.		mg/l	0.100	0.0394	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Chromium, Total	0.4917		mg/l	0.00100	0.00017	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Cobalt, Total	0.01332		mg/l	0.00100	0.00016	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Copper, Total	0.06081		mg/l	0.00100	0.00038	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Iron, Total	49.4		mg/l	0.0500	0.0191	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Lead, Total	0.05787		mg/l	0.00100	0.00034	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Magnesium, Total	79.6		mg/l	0.0700	0.0242	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Manganese, Total	5.174		mg/l	0.00100	0.00044	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/11/17 11:33	09/12/17 17:22	EPA 7470A	1,7470A	MG
Nickel, Total	0.2340		mg/l	0.00200	0.00055	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Potassium, Total	12.3		mg/l	0.100	0.0309	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Selenium, Total	0.00243	J	mg/l	0.00500	0.00173	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Sodium, Total	300.		mg/l	0.100	0.0293	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Vanadium, Total	0.03003		mg/l	0.00500	0.00157	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM
Zinc, Total	0.05390		mg/l	0.01000	0.00341	1	09/13/17 12:20	09/14/17 10:44	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00158	J	mg/l	0.00400	0.00042	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00113		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.2794		mg/l	0.00050	0.00017	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-02
Client ID: MW06_090817
Sample Location: BRONX, NY
Matrix: Water

Date Collected: 09/08/17 13:37
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	250.		mg/l	0.100	0.0394	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00017	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00230		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0378	J	mg/l	0.0500	0.0191	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00220		mg/l	0.00100	0.00034	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	80.4		mg/l	0.0700	0.0242	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Manganese, Dissolved	4.422		mg/l	0.00100	0.00044	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/14/17 19:20	09/14/17 23:21	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.01300		mg/l	0.00200	0.00055	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Potassium, Dissolved	12.7		mg/l	0.100	0.0309	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Sodium, Dissolved	382.		mg/l	0.100	0.0293	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00347	J	mg/l	0.01000	0.00341	1	09/14/17 10:49	09/15/17 09:47	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
 Client ID: FB03_090817
 Sample Location: BRONX, NY
 Matrix: Water

Date Collected: 09/08/17 13:50
 Date Received: 09/08/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00357	J	mg/l	0.0100	0.00327	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Antimony, Total	0.00086	J	mg/l	0.00400	0.00042	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Barium, Total	0.00070	J	mg/l	0.00300	0.00017	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Chromium, Total	0.00078	J	mg/l	0.00100	0.00017	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00100	0.00016	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/11/17 11:33	09/12/17 17:24	EPA 7470A	1,7470A	MG
Nickel, Total	0.00060	J	mg/l	0.00200	0.00055	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/13/17 12:20	09/14/17 10:21	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00079	J	mg/l	0.00400	0.00042	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.00017	J	mg/l	0.00050	0.00017	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

SAMPLE RESULTS

Lab ID: L1731771-03
Client ID: FB03_090817
Sample Location: BRONX, NY
Matrix: Water

Date Collected: 09/08/17 13:50
Date Received: 09/08/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	0.0555	J	mg/l	0.100	0.0394	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00062	J	mg/l	0.00100	0.00017	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00109		mg/l	0.00100	0.00038	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.00107		mg/l	0.00100	0.00044	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	09/14/17 19:20	09/14/17 23:23	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00301		mg/l	0.00200	0.00055	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Sodium, Dissolved	0.246		mg/l	0.100	0.0293	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/14/17 10:49	09/15/17 09:19	EPA 3005A	1,6020A	AM



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1040321-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	09/11/17 11:33	09/12/17 16:48	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1041197-1										
Aluminum, Total	0.00618	J	mg/l	0.0100	0.00327	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Antimony, Total	0.00137	J	mg/l	0.00400	0.00042	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Arsenic, Total	0.00021	J	mg/l	0.00050	0.00016	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Barium, Total	0.00179	J	mg/l	0.00300	0.00017	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Beryllium, Total	0.00040	J	mg/l	0.00050	0.00010	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Cadmium, Total	0.00017	J	mg/l	0.00020	0.00005	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Chromium, Total	0.00087	J	mg/l	0.00100	0.00017	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Cobalt, Total	0.00059	J	mg/l	0.00100	0.00016	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Copper, Total	0.00038	J	mg/l	0.00100	0.00038	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Iron, Total	0.0263	J	mg/l	0.0500	0.0191	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Lead, Total	0.00056	J	mg/l	0.00100	0.00034	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Nickel, Total	0.00115	J	mg/l	0.00200	0.00055	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Thallium, Total	0.00019	J	mg/l	0.00050	0.00014	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/13/17 12:20	09/14/17 10:17	1,6020A	AM

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1041626-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Antimony, Dissolved	0.00137	J	mg/l	0.00400	0.00042	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Chromium, Dissolved	0.00060	J	mg/l	0.00100	0.00017	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/14/17 10:49	09/15/17 09:15	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1041867-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	09/14/17 19:20	09/14/17 23:12	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1040321-2								
Mercury, Total	81		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1041197-2					
Aluminum, Total	120	-	80-120	-	
Antimony, Total	108	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	114	-	80-120	-	
Calcium, Total	118	-	80-120	-	
Chromium, Total	112	-	80-120	-	
Cobalt, Total	111	-	80-120	-	
Copper, Total	112	-	80-120	-	
Iron, Total	114	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	109	-	80-120	-	
Manganese, Total	112	-	80-120	-	
Nickel, Total	110	-	80-120	-	
Potassium, Total	114	-	80-120	-	
Selenium, Total	119	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	91	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	110	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & EAST 146TH STREET**Lab Number:** L1731771**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1041197-2					
Zinc, Total	118	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1731771

Project Number: 170487001

Report Date: 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1041626-2					
Aluminum, Dissolved	113	-	80-120	-	
Antimony, Dissolved	98	-	80-120	-	
Arsenic, Dissolved	103	-	80-120	-	
Barium, Dissolved	103	-	80-120	-	
Beryllium, Dissolved	110	-	80-120	-	
Cadmium, Dissolved	110	-	80-120	-	
Calcium, Dissolved	110	-	80-120	-	
Chromium, Dissolved	109	-	80-120	-	
Cobalt, Dissolved	105	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Iron, Dissolved	111	-	80-120	-	
Lead, Dissolved	103	-	80-120	-	
Magnesium, Dissolved	109	-	80-120	-	
Manganese, Dissolved	108	-	80-120	-	
Nickel, Dissolved	106	-	80-120	-	
Potassium, Dissolved	107	-	80-120	-	
Selenium, Dissolved	101	-	80-120	-	
Silver, Dissolved	103	-	80-120	-	
Sodium, Dissolved	105	-	80-120	-	
Thallium, Dissolved	97	-	80-120	-	
Vanadium, Dissolved	109	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** GERARD AVE & EAST 146TH STREET**Lab Number:** L1731771**Project Number:** 170487001**Report Date:** 09/15/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1041626-2					
Zinc, Dissolved	101	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1041867-2					
Mercury, Dissolved	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

<u>Parameter</u>	<u>Native Sample</u>	<u>MS Added</u>	<u>MS Found</u>	<u>MS %Recovery</u>	<u>Qual</u>	<u>MSD Found</u>	<u>MSD %Recovery</u>	<u>Qual</u>	<u>Recovery Limits</u>	<u>RPD</u>	<u>Qual</u>	<u>RPD Limits</u>
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1040321-3 WG1040321-4 QC Sample: L1731615-03 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00482	96		0.00475	95		75-125	1		20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041197-3 QC Sample: L1731771-01 Client ID: MW08_090817									
Aluminum, Total	0.372	2	2.66	114	-	-	75-125	-	20
Antimony, Total	0.00127J	0.5	0.5403	108	-	-	75-125	-	20
Arsenic, Total	0.00099	0.12	0.1308	108	-	-	75-125	-	20
Barium, Total	0.01548	2	2.055	102	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05238	105	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05434	106	-	-	75-125	-	20
Calcium, Total	54.8	10	65.8	110	-	-	75-125	-	20
Chromium, Total	0.00496	0.2	0.2195	107	-	-	75-125	-	20
Cobalt, Total	0.00053J	0.5	0.5322	106	-	-	75-125	-	20
Copper, Total	0.02846	0.25	0.2898	104	-	-	75-125	-	20
Iron, Total	0.922	1	1.91	99	-	-	75-125	-	20
Lead, Total	0.02285	0.51	0.5342	100	-	-	75-125	-	20
Magnesium, Total	9.18	10	19.4	102	-	-	75-125	-	20
Manganese, Total	0.07577	0.5	0.6102	107	-	-	75-125	-	20
Nickel, Total	0.00467	0.5	0.5351	106	-	-	75-125	-	20
Potassium, Total	5.58	10	16.5	109	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.144	120	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05006	100	-	-	75-125	-	20
Sodium, Total	19.1	10	24.2	51	Q	-	75-125	-	20
Thallium, Total	ND	0.12	0.1104	92	-	-	75-125	-	20
Vanadium, Total	0.00414J	0.5	0.5346	107	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041197-3 QC Sample: L1731771-01 Client ID: MW08_090817									
Zinc, Total	0.02179	0.5	0.5793	112	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041626-3 QC Sample: L1731771-01 Client ID: MW08_090817									
Aluminum, Dissolved	0.0332	2	2.29	113	-	-	75-125	-	20
Antimony, Dissolved	0.00148J	0.5	0.5326	106	-	-	75-125	-	20
Arsenic, Dissolved	0.00067	0.12	0.1240	103	-	-	75-125	-	20
Barium, Dissolved	0.01260	2	2.040	101	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05335	107	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05479	107	-	-	75-125	-	20
Calcium, Dissolved	42.1	10	56.6	145	Q	-	75-125	-	20
Chromium, Dissolved	0.00075J	0.2	0.2112	106	-	-	75-125	-	20
Cobalt, Dissolved	0.00022J	0.5	0.5124	102	-	-	75-125	-	20
Copper, Dissolved	0.00980	0.25	0.2632	101	-	-	75-125	-	20
Iron, Dissolved	0.0373J	1	1.18	118	-	-	75-125	-	20
Lead, Dissolved	0.00071J	0.51	0.5088	100	-	-	75-125	-	20
Magnesium, Dissolved	8.50	10	20.0	115	-	-	75-125	-	20
Manganese, Dissolved	0.05584	0.5	0.6012	109	-	-	75-125	-	20
Nickel, Dissolved	0.00187J	0.5	0.5244	105	-	-	75-125	-	20
Potassium, Dissolved	5.19	10	17.0	118	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.122	102	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05042	101	-	-	75-125	-	20
Sodium, Dissolved	18.2	10	29.6	114	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1133	94	-	-	75-125	-	20
Vanadium, Dissolved	0.00318J	0.5	0.5286	106	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041626-3 QC Sample: L1731771-01 Client ID: MW08_090817									
Zinc, Dissolved	0.00797J	0.5	0.5004	100	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041867-3 QC Sample: L1731771-01 Client ID: MW08_090817									
Mercury, Dissolved	ND	0.005	0.00445	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041197-4 QC Sample: L1731771-01 Client ID: MW08_090817						
Aluminum, Total	0.372	0.370	mg/l	1		20
Antimony, Total	0.00127J	0.00169J	mg/l	NC		20
Arsenic, Total	0.00099	0.00094	mg/l	5		20
Barium, Total	0.01548	0.01530	mg/l	1		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	0.00006J	mg/l	NC		20
Calcium, Total	54.8	53.2	mg/l	3		20
Chromium, Total	0.00496	0.00474	mg/l	5		20
Cobalt, Total	0.00053J	0.00060J	mg/l	NC		20
Copper, Total	0.02846	0.02789	mg/l	2		20
Iron, Total	0.922	0.938	mg/l	2		20
Lead, Total	0.02285	0.02223	mg/l	3		20
Magnesium, Total	9.18	8.86	mg/l	4		20
Manganese, Total	0.07577	0.07528	mg/l	1		20
Nickel, Total	0.00467	0.00452	mg/l	3		20
Potassium, Total	5.58	5.53	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	19.1	18.5	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041197-4 QC Sample: L1731771-01 Client ID: MW08_090817					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	0.00414J	0.00384J	mg/l	NC	20
Zinc, Total	0.02179	0.02027	mg/l	7	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041626-4 QC Sample: L1731771-01 Client ID: MW08_090817					
Aluminum, Dissolved	0.0332	0.0300	mg/l	10	20
Antimony, Dissolved	0.00148J	0.00192J	mg/l	NC	20
Arsenic, Dissolved	0.00067	0.00065	mg/l	3	20
Barium, Dissolved	0.01260	0.01234	mg/l	2	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	42.1	41.9	mg/l	0	20
Chromium, Dissolved	0.00075J	0.00096J	mg/l	NC	20
Cobalt, Dissolved	0.00022J	0.00025J	mg/l	NC	20
Copper, Dissolved	0.00980	0.00933	mg/l	5	20
Iron, Dissolved	0.0373J	0.0376J	mg/l	NC	20
Lead, Dissolved	0.00071J	0.00071J	mg/l	NC	20
Magnesium, Dissolved	8.50	8.46	mg/l	0	20
Manganese, Dissolved	0.05584	0.05595	mg/l	0	20
Nickel, Dissolved	0.00187J	0.00226	mg/l	NC	20
Potassium, Dissolved	5.19	5.16	mg/l	1	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	18.2	18.0	mg/l	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1731771

Report Date: 09/15/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041626-4 QC Sample: L1731771-01 Client ID: MW08_090817					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	0.00318J	0.00293J	mg/l	NC	20
Zinc, Dissolved	0.00797J	0.00745J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1041867-4 QC Sample: L1731771-01 Client ID: MW08_090817					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Serial_No:09151715:57
Lab Number: L1731771
Report Date: 09/15/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731771-01A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-01B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-01C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-01D	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8082-1200ML(7)
L1731771-01E	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731771-01S	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		-
L1731771-01T	Plastic 250ml HNO3 preserved	A	<2	<2	2.2	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)
L1731771-01X	Plastic 250ml HNO3 preserved Filtrates	A	NA		2.2	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)
L1731771-02A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-02B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-02C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-02E	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731771-02F	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8082-1200ML(7)
L1731771-02S	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		-

*Values in parentheses indicate holding time in days



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Serial_No:09151715:57
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Report Date: 09/15/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1731771-02T	Plastic 250ml HNO3 preserved	A	<2	<2	2.2	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)
L1731771-02X	Plastic 250ml HNO3 preserved Filtrates	A	NA		2.2	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)
L1731771-03A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-03B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-03C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-03E	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1731771-03F	Amber 1000ml unpreserved	A	7	7	2.2	Y	Absent		NYTCL-8082-1200ML(7)
L1731771-03S	Amber 500ml unpreserved	A	7	7	2.2	Y	Absent		-
L1731771-03T	Plastic 250ml HNO3 preserved	A	<2	<2	2.2	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)
L1731771-03X	Plastic 250ml HNO3 preserved	A	<2	<2	2.2	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)
L1731771-04A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L1731771-04B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260(14)

Project Name: GERARD AVE & EAST 146TH STREET

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Container Information

Container ID **Container Type**

Cooler **Initial pH** **Final pH** **Temp deg C** **Pres** **Seal** **Frozen Date/Time** **Analysis(*)**

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: GERARD AVE & EAST 146TH STREET
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Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1731771
Report Date: 09/15/17

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #																																																		
		1 of 1	9/8/17	L1731771																																																		
Project Information Project Name: <u>Gerard Ave & East 146th Street</u> Project Location: <u>Bronx, NY</u> Project # <u>170457601</u>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																		
Client Information Client: <u>LANGAN</u> Address: <u>3100 West 31st Street</u> <u>New York, NY 10001</u> Phone: <u>212 479 5400</u> Fax: <u>212 479 5444</u> Email: <u>mrogers@langan.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																		
(Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Michele Rogers</u> ALPHAQuote #: Turn-Around Time Standard <input type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS																																																				
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>Dissolved metals to be lab filtered</u> Please specify Metals or TAL.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:5%;">ALPHA Lab ID (Lab Use Only)</th> <th style="width:15%;">Sample ID</th> <th style="width:10%;">Collection Date</th> <th style="width:10%;">Collection Time</th> <th style="width:10%;">Sample Matrix</th> <th style="width:10%;">Sampler's Initials</th> <th style="width:10%;">VOCs</th> <th style="width:10%;">SVOCs</th> <th style="width:10%;">Total Dissolved Metals</th> <th style="width:10%;">PCBs</th> </tr> <tr> <td>31771-01</td> <td>MW08-090817</td> <td>9/8/17</td> <td>1125</td> <td>AD</td> <td>YZ</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>-02</td> <td>MW06-090817</td> <td>↓</td> <td>1337</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>-03</td> <td>FB03-090817</td> <td>↓</td> <td>1350</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>-04</td> <td>TB03-090817</td> <td>↓</td> <td>-</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Total Dissolved Metals	PCBs	31771-01	MW08-090817	9/8/17	1125	AD	YZ	X	X	X	X	-02	MW06-090817	↓	1337	↓	↓	X	X	X	X	-03	FB03-090817	↓	1350	↓	↓	X	X	X	X	-04	TB03-090817	↓	-	↓	↓	X	X	X	X	Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Total Dissolved Metals	PCBs																																													
31771-01	MW08-090817	9/8/17	1125	AD	YZ	X	X	X	X																																													
-02	MW06-090817	↓	1337	↓	↓	X	X	X	X																																													
-03	FB03-090817	↓	1350	↓	↓	X	X	X	X																																													
-04	TB03-090817	↓	-	↓	↓	X	X	X	X																																													
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015 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. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																
Relinquished By: <u>[Signature]</u> Date/Time: <u>9/8/17 15:01</u>		Received By: <u>[Signature]</u> Date/Time: <u>9/8/17 15:01</u>		Relinquished By: <u>[Signature]</u> Date/Time: <u>9/8 22:00</u>		Received By: <u>[Signature]</u> Date/Time: <u>9/8 22:00</u>																																																



ANALYTICAL REPORT

Lab Number:	L1734010
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	GERARD AVE & EAST 146TH STREET
Project Number:	170487001
Report Date:	09/29/17

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1734010-01	SB11_19.5-20	SOIL	BRONX, NEW YORK	09/22/17 11:00	09/22/17
L1734010-02	SB12_18-19	SOIL	BRONX, NEW YORK	09/22/17 14:15	09/22/17
L1734010-03	SB13_18-19	SOIL	BRONX, NEW YORK	09/22/17 15:00	09/22/17

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

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

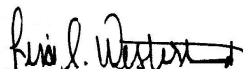
Soil was not present in the high-level methanol preserved vials received. An aliquot was split from another container and preserved with methanol.

L1734010-01: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (134%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

L1734010-03: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (132%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

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: 09/29/17

ORGANICS

VOLATILES

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-01
 Client ID: SB11_19.5-20
 Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 11:00
 Date Received: 09/22/17
 Field Prep: Not Specified

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/28/17 21:36
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	690	110	1
1,1-Dichloroethane	ND		ug/kg	100	18.	1
Chloroform	ND		ug/kg	100	25.	1
Carbon tetrachloride	ND		ug/kg	69	24.	1
1,2-Dichloropropane	ND		ug/kg	240	16.	1
Dibromochloromethane	ND		ug/kg	69	12.	1
1,1,2-Trichloroethane	ND		ug/kg	100	22.	1
Tetrachloroethene	ND		ug/kg	69	21.	1
Chlorobenzene	ND		ug/kg	69	24.	1
Trichlorofluoromethane	ND		ug/kg	340	29.	1
1,2-Dichloroethane	ND		ug/kg	69	17.	1
1,1,1-Trichloroethane	ND		ug/kg	69	24.	1
Bromodichloromethane	ND		ug/kg	69	21.	1
trans-1,3-Dichloropropene	ND		ug/kg	69	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	69	16.	1
1,3-Dichloropropene, Total	ND		ug/kg	69	14.	1
1,1-Dichloropropene	ND		ug/kg	340	22.	1
Bromoform	ND		ug/kg	280	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	69	20.	1
Benzene	85		ug/kg	69	13.	1
Toluene	37	J	ug/kg	100	13.	1
Ethylbenzene	990		ug/kg	69	12.	1
Chloromethane	ND		ug/kg	340	30.	1
Bromomethane	60	J	ug/kg	140	23.	1
Vinyl chloride	ND		ug/kg	140	22.	1
Chloroethane	ND		ug/kg	140	22.	1
1,1-Dichloroethene	ND		ug/kg	69	26.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	16.	1
Trichloroethene	ND		ug/kg	69	21.	1
1,2-Dichlorobenzene	ND		ug/kg	340	12.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-01
Client ID: SB11_19.5-20
Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 11:00
Date Received: 09/22/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	340	15.	1
1,4-Dichlorobenzene	ND		ug/kg	340	12.	1
Methyl tert butyl ether	ND		ug/kg	140	10.	1
p/m-Xylene	2100		ug/kg	140	24.	1
o-Xylene	300		ug/kg	140	23.	1
Xylenes, Total	2400		ug/kg	140	23.	1
cis-1,2-Dichloroethene	ND		ug/kg	69	24.	1
1,2-Dichloroethene, Total	ND		ug/kg	69	16.	1
Dibromomethane	ND		ug/kg	690	16.	1
Styrene	ND		ug/kg	140	28.	1
Dichlorodifluoromethane	ND		ug/kg	690	34.	1
Acetone	ND		ug/kg	690	160	1
Carbon disulfide	ND		ug/kg	690	76.	1
2-Butanone	ND		ug/kg	690	47.	1
Vinyl acetate	ND		ug/kg	690	10.	1
4-Methyl-2-pentanone	ND		ug/kg	690	17.	1
1,2,3-Trichloropropane	ND		ug/kg	690	12.	1
2-Hexanone	ND		ug/kg	690	46.	1
Bromochloromethane	ND		ug/kg	340	24.	1
2,2-Dichloropropane	ND		ug/kg	340	31.	1
1,2-Dibromoethane	ND		ug/kg	280	14.	1
1,3-Dichloropropane	ND		ug/kg	340	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	69	22.	1
Bromobenzene	ND		ug/kg	340	15.	1
n-Butylbenzene	940		ug/kg	69	16.	1
sec-Butylbenzene	320		ug/kg	69	15.	1
tert-Butylbenzene	29	J	ug/kg	340	17.	1
o-Chlorotoluene	ND		ug/kg	340	15.	1
p-Chlorotoluene	ND		ug/kg	340	12.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	27.	1
Hexachlorobutadiene	ND		ug/kg	340	24.	1
Isopropylbenzene	510		ug/kg	69	13.	1
p-Isopropyltoluene	310		ug/kg	69	14.	1
Naphthalene	1300		ug/kg	340	9.5	1
Acrylonitrile	ND		ug/kg	690	35.	1
n-Propylbenzene	1500		ug/kg	69	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	15.	1
1,3,5-Trimethylbenzene	3100		ug/kg	340	11.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-01
 Client ID: SB11_19.5-20
 Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 11:00
 Date Received: 09/22/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	8500		ug/kg	340	13.	1
1,4-Dioxane	ND		ug/kg	2800	990	1
p-Diethylbenzene	6700		ug/kg	280	280	1
p-Ethyltoluene	3000		ug/kg	280	16.	1
1,2,4,5-Tetramethylbenzene	2200		ug/kg	280	11.	1
Ethyl ether	ND		ug/kg	340	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	134	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-02
Client ID: SB12_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 14:15
Date Received: 09/22/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/28/17 22:28
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	860	140	1
1,1-Dichloroethane	ND		ug/kg	130	23.	1
Chloroform	ND		ug/kg	130	32.	1
Carbon tetrachloride	ND		ug/kg	86	30.	1
1,2-Dichloropropane	ND		ug/kg	300	20.	1
Dibromochloromethane	ND		ug/kg	86	15.	1
1,1,2-Trichloroethane	ND		ug/kg	130	27.	1
Tetrachloroethene	ND		ug/kg	86	26.	1
Chlorobenzene	ND		ug/kg	86	30.	1
Trichlorofluoromethane	ND		ug/kg	430	36.	1
1,2-Dichloroethane	ND		ug/kg	86	21.	1
1,1,1-Trichloroethane	ND		ug/kg	86	30.	1
Bromodichloromethane	ND		ug/kg	86	26.	1
trans-1,3-Dichloropropene	ND		ug/kg	86	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	86	20.	1
1,3-Dichloropropene, Total	ND		ug/kg	86	18.	1
1,1-Dichloropropene	ND		ug/kg	430	28.	1
Bromoform	ND		ug/kg	340	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	86	26.	1
Benzene	380		ug/kg	86	16.	1
Toluene	180		ug/kg	130	17.	1
Ethylbenzene	120		ug/kg	86	14.	1
Chloromethane	ND		ug/kg	430	37.	1
Bromomethane	72	J	ug/kg	170	29.	1
Vinyl chloride	ND		ug/kg	170	27.	1
Chloroethane	ND		ug/kg	170	27.	1
1,1-Dichloroethene	ND		ug/kg	86	32.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	21.	1
Trichloroethene	ND		ug/kg	86	26.	1
1,2-Dichlorobenzene	ND		ug/kg	430	16.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-02
Client ID: SB12_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 14:15
Date Received: 09/22/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	430	19.	1
1,4-Dichlorobenzene	ND		ug/kg	430	16.	1
Methyl tert butyl ether	19	J	ug/kg	170	13.	1
p/m-Xylene	440		ug/kg	170	30.	1
o-Xylene	73	J	ug/kg	170	29.	1
Xylenes, Total	510	J	ug/kg	170	29.	1
cis-1,2-Dichloroethene	ND		ug/kg	86	29.	1
1,2-Dichloroethene, Total	ND		ug/kg	86	21.	1
Dibromomethane	ND		ug/kg	860	20.	1
Styrene	ND		ug/kg	170	34.	1
Dichlorodifluoromethane	ND		ug/kg	860	43.	1
Acetone	ND		ug/kg	860	200	1
Carbon disulfide	ND		ug/kg	860	94.	1
2-Butanone	ND		ug/kg	860	59.	1
Vinyl acetate	ND		ug/kg	860	13.	1
4-Methyl-2-pentanone	ND		ug/kg	860	21.	1
1,2,3-Trichloropropane	ND		ug/kg	860	15.	1
2-Hexanone	ND		ug/kg	860	57.	1
Bromochloromethane	ND		ug/kg	430	31.	1
2,2-Dichloropropane	ND		ug/kg	430	39.	1
1,2-Dibromoethane	ND		ug/kg	340	17.	1
1,3-Dichloropropane	ND		ug/kg	430	16.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	86	27.	1
Bromobenzene	ND		ug/kg	430	19.	1
n-Butylbenzene	130		ug/kg	86	20.	1
sec-Butylbenzene	120		ug/kg	86	19.	1
tert-Butylbenzene	ND		ug/kg	430	21.	1
o-Chlorotoluene	ND		ug/kg	430	19.	1
p-Chlorotoluene	ND		ug/kg	430	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	430	34.	1
Hexachlorobutadiene	ND		ug/kg	430	30.	1
Isopropylbenzene	290		ug/kg	86	17.	1
p-Isopropyltoluene	23	J	ug/kg	86	17.	1
Naphthalene	310	J	ug/kg	430	12.	1
Acrylonitrile	ND		ug/kg	860	44.	1
n-Propylbenzene	860		ug/kg	86	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	430	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	430	18.	1
1,3,5-Trimethylbenzene	70	J	ug/kg	430	14.	1

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-02
 Client ID: SB12_18-19
 Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 14:15
 Date Received: 09/22/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	310	J	ug/kg	430	16.	1
1,4-Dioxane	ND		ug/kg	3400	1200	1
p-Diethylbenzene	ND		ug/kg	340	340	1
p-Ethyltoluene	160	J	ug/kg	340	20.	1
1,2,4,5-Tetramethylbenzene	500		ug/kg	340	13.	1
Ethyl ether	ND		ug/kg	430	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	430	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	101		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-03 D
Client ID: SB13_18-19
Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 15:00
Date Received: 09/22/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/28/17 22:54
Analyst: MV
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6700	1100	10
1,1-Dichloroethane	ND		ug/kg	1000	180	10
Chloroform	ND		ug/kg	1000	250	10
Carbon tetrachloride	ND		ug/kg	670	230	10
1,2-Dichloropropane	ND		ug/kg	2300	150	10
Dibromochloromethane	ND		ug/kg	670	120	10
1,1,2-Trichloroethane	ND		ug/kg	1000	210	10
Tetrachloroethene	ND		ug/kg	670	200	10
Chlorobenzene	ND		ug/kg	670	230	10
Trichlorofluoromethane	ND		ug/kg	3400	280	10
1,2-Dichloroethane	ND		ug/kg	670	160	10
1,1,1-Trichloroethane	ND		ug/kg	670	230	10
Bromodichloromethane	ND		ug/kg	670	210	10
trans-1,3-Dichloropropene	ND		ug/kg	670	140	10
cis-1,3-Dichloropropene	ND		ug/kg	670	160	10
1,3-Dichloropropene, Total	ND		ug/kg	670	140	10
1,1-Dichloropropene	ND		ug/kg	3400	220	10
Bromoform	ND		ug/kg	2700	160	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	670	200	10
Benzene	3600		ug/kg	670	130	10
Toluene	1400		ug/kg	1000	130	10
Ethylbenzene	26000		ug/kg	670	110	10
Chloromethane	ND		ug/kg	3400	290	10
Bromomethane	ND		ug/kg	1300	230	10
Vinyl chloride	ND		ug/kg	1300	210	10
Chloroethane	ND		ug/kg	1300	210	10
1,1-Dichloroethene	ND		ug/kg	670	250	10
trans-1,2-Dichloroethene	ND		ug/kg	1000	160	10
Trichloroethene	ND		ug/kg	670	200	10
1,2-Dichlorobenzene	ND		ug/kg	3400	120	10

Project Name: GERARD AVE & EAST 146TH STREET**Lab Number:** L1734010**Project Number:** 170487001**Report Date:** 09/29/17**SAMPLE RESULTS**

Lab ID: L1734010-03 D

Date Collected: 09/22/17 15:00

Client ID: SB13_18-19

Date Received: 09/22/17

Sample Location: BRONX, NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3400	150	10
1,4-Dichlorobenzene	ND		ug/kg	3400	120	10
Methyl tert butyl ether	ND		ug/kg	1300	100	10
p/m-Xylene	88000		ug/kg	1300	240	10
o-Xylene	26000		ug/kg	1300	230	10
Xylenes, Total	110000		ug/kg	1300	230	10
cis-1,2-Dichloroethene	ND		ug/kg	670	230	10
1,2-Dichloroethene, Total	ND		ug/kg	670	160	10
Dibromomethane	ND		ug/kg	6700	160	10
Styrene	ND		ug/kg	1300	270	10
Dichlorodifluoromethane	ND		ug/kg	6700	340	10
Acetone	ND		ug/kg	6700	1500	10
Carbon disulfide	ND		ug/kg	6700	740	10
2-Butanone	ND		ug/kg	6700	460	10
Vinyl acetate	ND		ug/kg	6700	100	10
4-Methyl-2-pentanone	ND		ug/kg	6700	160	10
1,2,3-Trichloropropane	ND		ug/kg	6700	120	10
2-Hexanone	ND		ug/kg	6700	450	10
Bromochloromethane	ND		ug/kg	3400	240	10
2,2-Dichloropropane	ND		ug/kg	3400	300	10
1,2-Dibromoethane	ND		ug/kg	2700	130	10
1,3-Dichloropropane	ND		ug/kg	3400	120	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	670	210	10
Bromobenzene	ND		ug/kg	3400	150	10
n-Butylbenzene	2800		ug/kg	670	150	10
sec-Butylbenzene	2100		ug/kg	670	140	10
tert-Butylbenzene	240	J	ug/kg	3400	160	10
o-Chlorotoluene	ND		ug/kg	3400	150	10
p-Chlorotoluene	ND		ug/kg	3400	120	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	3400	260	10
Hexachlorobutadiene	ND		ug/kg	3400	230	10
Isopropylbenzene	3700		ug/kg	670	130	10
p-Isopropyltoluene	3600		ug/kg	670	140	10
Naphthalene	7300		ug/kg	3400	93.	10
Acrylonitrile	ND		ug/kg	6700	340	10
n-Propylbenzene	7700		ug/kg	670	140	10
1,2,3-Trichlorobenzene	ND		ug/kg	3400	170	10
1,2,4-Trichlorobenzene	ND		ug/kg	3400	140	10
1,3,5-Trimethylbenzene	23000		ug/kg	3400	110	10

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-03 D
 Client ID: SB13_18-19
 Sample Location: BRONX, NEW YORK

Date Collected: 09/22/17 15:00
 Date Received: 09/22/17
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	63000		ug/kg	3400	120	10
1,4-Dioxane	ND		ug/kg	27000	9700	10
p-Diethylbenzene	23000		ug/kg	2700	2700	10
p-Ethyltoluene	45000		ug/kg	2700	160	10
1,2,4,5-Tetramethylbenzene	5600		ug/kg	2700	100	10
Ethyl ether	ND		ug/kg	3400	170	10
trans-1,4-Dichloro-2-butene	ND		ug/kg	3400	260	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	132	Q	70-130
Dibromofluoromethane	96		70-130

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/28/17 20:43
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG1047112-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
1,3-Dichloropropene, Total	ND		ug/kg	50	10.
1,1-Dichloropropene	ND		ug/kg	250	16.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	80	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/28/17 20:43
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG1047112-5					
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
1,2-Dichloroethene, Total	ND		ug/kg	50	12.
Dibromomethane	ND		ug/kg	500	12.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
Vinyl acetate	ND		ug/kg	500	7.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.8
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
2,2-Dichloropropane	ND		ug/kg	250	22.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,3-Dichloropropane	ND		ug/kg	250	9.2
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	11.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
o-Chlorotoluene	ND		ug/kg	250	11.

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 09/28/17 20:43
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG1047112-5					
p-Chlorotoluene	ND		ug/kg	250	9.2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	17.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
1,4-Dioxane	ND		ug/kg	2000	720
p-Diethylbenzene	ND		ug/kg	200	200
p-Ethyltoluene	ND		ug/kg	200	12.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	7.8
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1734010

Project Number: 170487001

Report Date: 09/29/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG1047112-3 WG1047112-4								
Methylene chloride	120		117		70-130	3		30
1,1-Dichloroethane	123		121		70-130	2		30
Chloroform	120		117		70-130	3		30
Carbon tetrachloride	109		108		70-130	1		30
1,2-Dichloropropane	120		117		70-130	3		30
Dibromochloromethane	99		100		70-130	1		30
1,1,2-Trichloroethane	117		115		70-130	2		30
Tetrachloroethene	97		95		70-130	2		30
Chlorobenzene	108		105		70-130	3		30
Trichlorofluoromethane	122		121		70-139	1		30
1,2-Dichloroethane	119		116		70-130	3		30
1,1,1-Trichloroethane	118		115		70-130	3		30
Bromodichloromethane	107		108		70-130	1		30
trans-1,3-Dichloropropene	104		101		70-130	3		30
cis-1,3-Dichloropropene	112		109		70-130	3		30
1,1-Dichloropropene	112		109		70-130	3		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	114		112		70-130	2		30
Benzene	116		113		70-130	3		30
Toluene	108		105		70-130	3		30
Ethylbenzene	106		103		70-130	3		30
Chloromethane	100		96		52-130	4		30
Bromomethane	98		101		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1734010

Project Number: 170487001

Report Date: 09/29/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG1047112-3 WG1047112-4								
Vinyl chloride	96		93		67-130	3		30
Chloroethane	116		115		50-151	1		30
1,1-Dichloroethene	110		107		65-135	3		30
trans-1,2-Dichloroethene	113		111		70-130	2		30
Trichloroethene	113		110		70-130	3		30
1,2-Dichlorobenzene	99		98		70-130	1		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	122		119		66-130	2		30
p/m-Xylene	106		103		70-130	3		30
o-Xylene	106		104		70-130	2		30
cis-1,2-Dichloroethene	115		112		70-130	3		30
Dibromomethane	116		113		70-130	3		30
Styrene	106		102		70-130	4		30
Dichlorodifluoromethane	80		77		30-146	4		30
Acetone	117		111		54-140	5		30
Carbon disulfide	101		101		59-130	0		30
2-Butanone	104		98		70-130	6		30
Vinyl acetate	101		101		70-130	0		30
4-Methyl-2-pentanone	94		87		70-130	8		30
1,2,3-Trichloropropane	113		110		68-130	3		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	120		119		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1734010

Project Number: 170487001

Report Date: 09/29/17

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG1047112-3 WG1047112-4									
2,2-Dichloropropane	121		118		70-130		3		30
1,2-Dibromoethane	109		108		70-130		1		30
1,3-Dichloropropane	115		114		69-130		1		30
1,1,1,2-Tetrachloroethane	116		114		70-130		2		30
Bromobenzene	98		95		70-130		3		30
n-Butylbenzene	105		104		70-130		1		30
sec-Butylbenzene	103		100		70-130		3		30
tert-Butylbenzene	100		98		70-130		2		30
o-Chlorotoluene	105		103		70-130		2		30
p-Chlorotoluene	105		102		70-130		3		30
1,2-Dibromo-3-chloropropane	90		87		68-130		3		30
Hexachlorobutadiene	91		88		67-130		3		30
Isopropylbenzene	100		98		70-130		2		30
p-Isopropyltoluene	101		100		70-130		1		30
Naphthalene	93		92		70-130		1		30
Acrylonitrile	98		112		70-130		13		30
n-Propylbenzene	105		102		70-130		3		30
1,2,3-Trichlorobenzene	94		92		70-130		2		30
1,2,4-Trichlorobenzene	89		86		70-130		3		30
1,3,5-Trimethylbenzene	105		102		70-130		3		30
1,2,4-Trimethylbenzene	105		102		70-130		3		30
1,4-Dioxane	108		110		65-136		2		30
p-Diethylbenzene	100		96		70-130		4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Lab Number: L1734010

Project Number: 170487001

Report Date: 09/29/17

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG1047112-3 WG1047112-4								
p-Ethyltoluene	104		102		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	127		125		67-130	2		30
trans-1,4-Dichloro-2-butene	93		98		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	112		111		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	112		113		70-130

INORGANICS & MISCELLANEOUS

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-01
Client ID: SB11_19.5-20
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/22/17 11:00
Date Received: 09/22/17
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	85.9		%	0.100	NA	1	-	09/23/17 16:28	121,2540G	RI



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-02
Client ID: SB12_18-19
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/22/17 14:15
Date Received: 09/22/17
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	82.8		%	0.100	NA	1	-	09/23/17 16:28	121,2540G	RI



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

SAMPLE RESULTS

Lab ID: L1734010-03
Client ID: SB13_18-19
Sample Location: BRONX, NEW YORK
Matrix: Soil

Date Collected: 09/22/17 15:00
Date Received: 09/22/17
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	81.5		%	0.100	NA	1	-	09/23/17 16:28	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: GERARD AVE & EAST 146TH STREET

Project Number: 170487001

Lab Number: L1734010

Report Date: 09/29/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1044987-1 QC Sample: L1733919-01 Client ID: DUP Sample						
Solids, Total	84.1	86.1	%	2		20

Project Name: GERARD AVE & EAST 146TH STREET**Lab Number:** L1734010**Project Number:** 170487001**Report Date:** 09/29/17**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1734010-01A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L1734010-01B	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260(14)
L1734010-01C	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260(14)
L1734010-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L1734010-02A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L1734010-02B	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260HLW(14)
L1734010-02C	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260HLW(14)
L1734010-02D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L1734010-03A	Vial MeOH preserved	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L1734010-03B	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260HLW(14)
L1734010-03C	Vial water preserved	A	NA		2.8	Y	Absent	23-SEP-17 07:18	NYTCL-8260HLW(14)
L1734010-03D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)

Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- 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 lower value for the two columns has been reported 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.
- S** - Analytical results are from modified screening analysis.
- 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: GERARD AVE & EAST 146TH STREET
Project Number: 170487001

Lab Number: L1734010
Report Date: 09/29/17

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: NPW and SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

EPA 9012B: NPW: Total Cyanide

EPA 9050A: NPW: Specific Conductance

SM3500: NPW: Ferrous Iron

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

SM 2540D: TSS

EPA 3005A NPW

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA 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, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: 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

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water

EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1 Hg.**

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

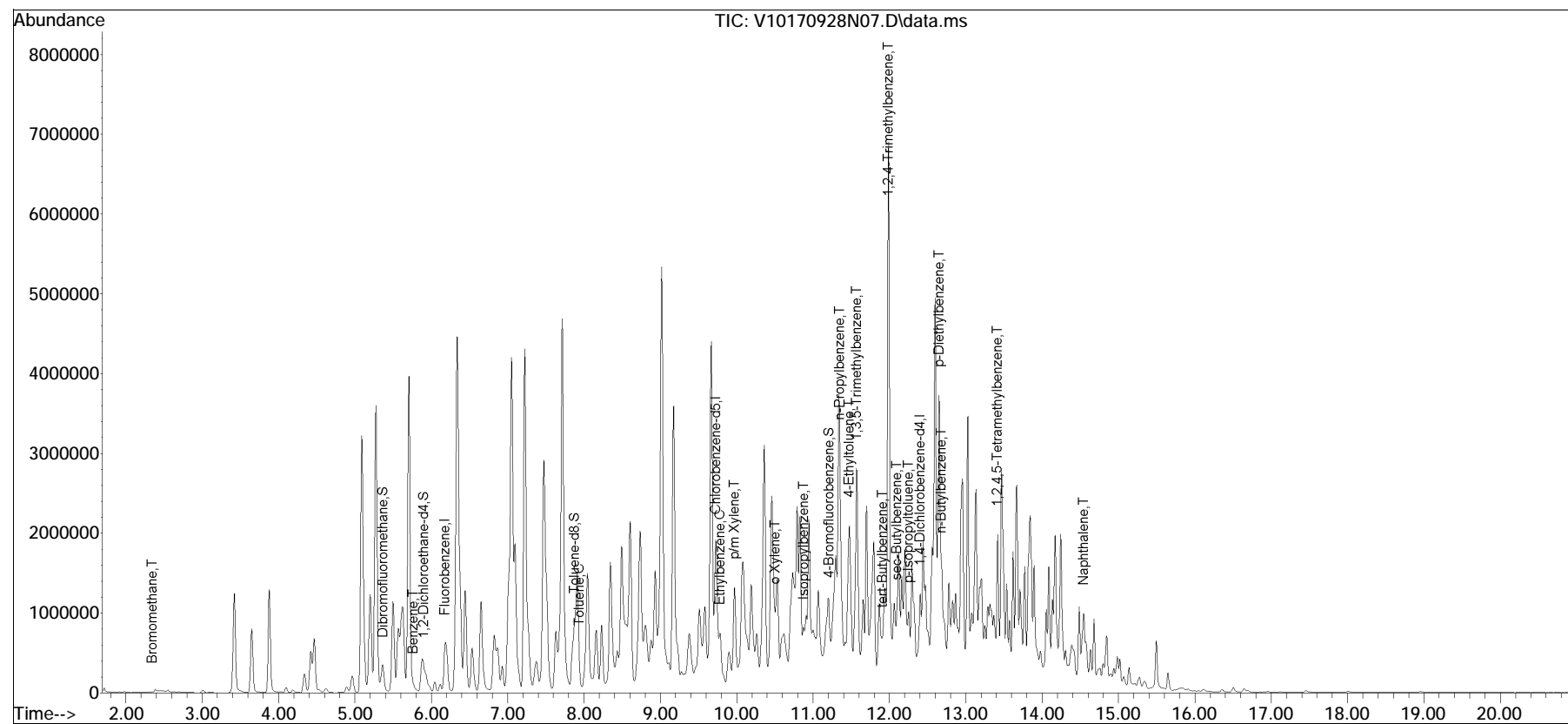
 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page		Date Rec'd in Lab	9/22/17	ALPHA Job # L1734016	
				of				
Client Information		Project Information		Deliverables		Billing Information		
Client: LANGAN		Project Name: Gerard Ave + East 146th Street		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #		
Address: 360 West 31st St New York, NY 10001		Project Location: BRONX, New York						
Phone: (212) 479 5400		Project # 170487001		Regulatory Requirement		Disposal Site Information		
Fax: (212) 479 5444		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities.		
Email: mrogers@langan.com		Turn-Around Time				Disposal Facility:		
		Standard <input checked="" type="checkbox"/> Due Date:				<input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:		
		Rush (only if pre approved) <input type="checkbox"/> # of Days:						
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		Sample Filtration		
Other project specific requirements/comments:				VOCs		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		
Please specify Metals or TAL.						Sample Specific Comments		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials			
		Date	Time					
34010 - 01	SB11-19.5-20	9/22/17	11:00	S	VZ	X		
-02	SB12-18-19	↓	14:15	↓	↓	X		
-03	SB13-18-19	↓	15:00	↓	↓	X		
Preservative Code:		Container Code		Westboro: Certification No: MA935		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015				
				Container Type				
				Preservative				
		Relinquished By:		Date/Time		Received By:		
		<i>[Signature]</i>		9/22/17 15:04		9/22-17-15:04		
		<i>[Signature]</i>		9-22-17-16:52		9/22 1730		
		<i>[Signature]</i>		9/22 2215		9/22/17 2215		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA110\2017\170928N\
 Data File : V10170928N07.D
 Acq On : 28 Sep 2017 9:36 pm
 Operator : VOA110:MV
 Sample : 11734010-01,31H,4.8,5,0.100,,a
 Misc : WG1047112,ICAL13866
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 07:33:31 2017
 Quant Method : I:\VOLATILES\VOA110\2017\170928N\V110_170731_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Jul 31 12:21:22 2017
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70928N\V10170928N01.D•

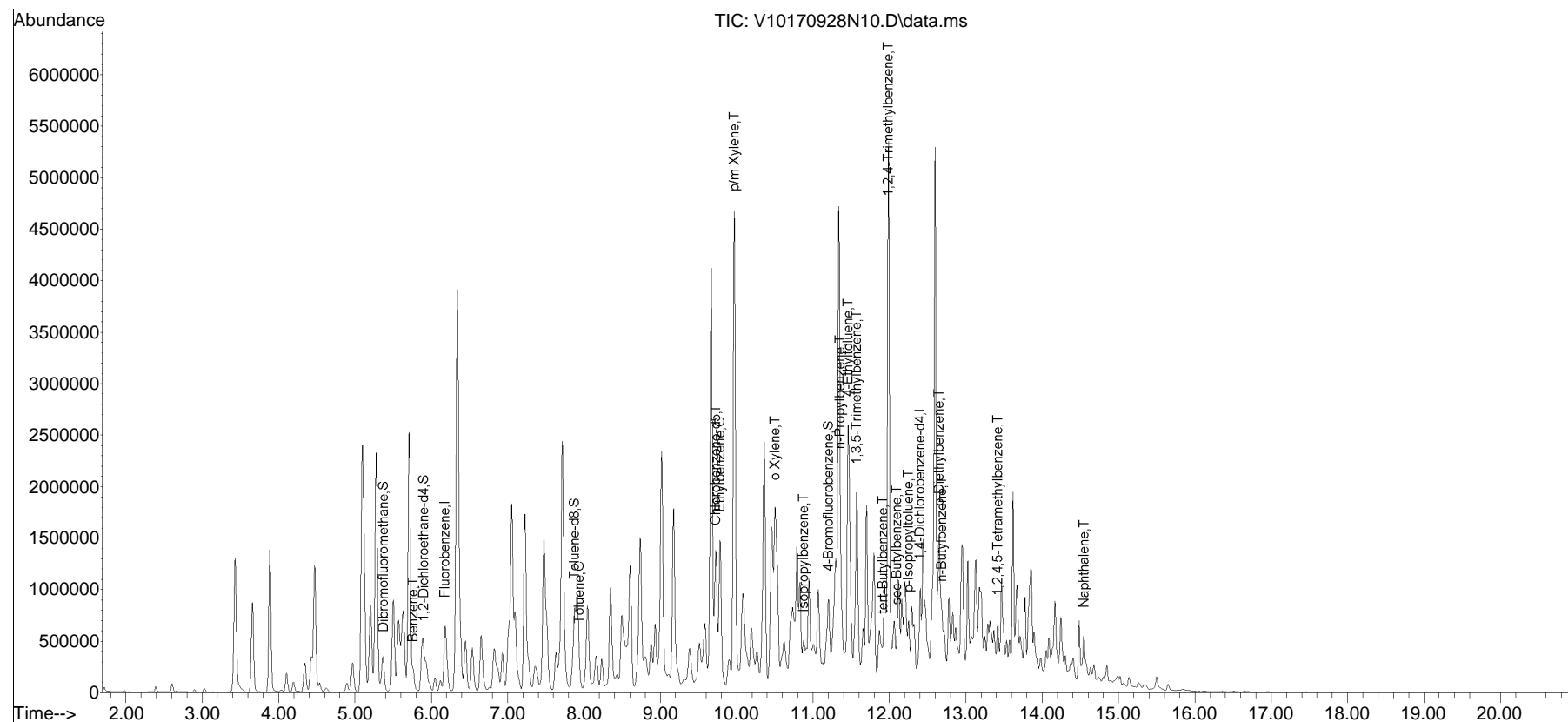


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA110\2017\170928N\
 Data File : V10170928N10.D
 Acq On : 28 Sep 2017 10:54 pm
 Operator : VOA110:MV
 Sample : 11734010-03D,31H,5.5,5,0.010,,a
 Misc : WG1047112,ICAL13866
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 29 07:37:05 2017
 Quant Method : I:\VOLATILES\VOA110\2017\170928N\V110_170731_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Jul 31 12:21:22 2017
 Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox70928N\V10170928N01.D•



Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

335 GRAND CONCOURSE (Continued)

S118943413

URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/15CVCP020X/2014-09-18.15CVCP020X.335-Grand_Concourse_FactSheet-1.pdf

Project ID: 15CVCP020X
 File Name: 2014-09-18.Translated_FactSheet-1
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/15CVCP020X/2014-09-18.15CVCP020X.335-Grand_Concourse_Translated_FactSheet-1.pdf

Project ID: 15CVCP020X
 File Name: 2014-09-18.Translated_CPS
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/15CVCP020X/2014-09-18.15CVCP020X.335-Grand_Concourse_Translated_Community_Protection_Statement.pdf

Project ID: 15CVCP020X
 File Name: 2015-02-25.Stipulation_List
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/15CVCP020X/2015-02-25.15CVCP020X.335-Grand_Concourse.Stipulation_List.pdf

Project ID: 15CVCP020X
 File Name: 2015-12-22.Decision_Document
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/15CVCP020X/2015-12-22.15CVCP020X.335-Grand_Concourse.Decision_Document_OER.pdf

M113
NNW
 1/8-1/4
 0.159 mi.
 838 ft.

149TH STREET
149TH STREET
BRONX, NY
 Site 3 of 9 in cluster M

NY LTANKS **S102672327**
N/A

Relative:
Lower
Actual:
1 ft.

LTANKS:
 Spill Number/Closed Date: 9312229 / 1994-01-18
 Facility ID: 9312229
 Site ID: 303539
 Spill Date: 1994-01-17
 Spill Cause: Tank Overfill
 Spill Source: Vessel
 Spill Class: C3
 Cleanup Ceased: 1994-01-18
 SWIS: 0301
 Investigator: O'DOWD
 Referred To: Not reported
 Reported to Dept: 1994-01-17
 CID: Not reported
 Water Affected: EAST RIVER
 Spill Notifier: Federal Government
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1994-01-20
 Spill Record Last Update: 2004-02-25
 Spiller Name: Not reported
 Spiller Company: AQUA MARINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

149TH STREET (Continued)

S102672327

Spiller Address: 3245 RICHMOND TERRACE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 245228
DEC Memo: ""
Remarks: "FILLING TANK ON BARGE AND OVERFILLED. NOTIFIED DEP UNKNOWN ACTIONS TAKEN. NO CALL BACK REQUESTED. 1/18/94 USCG 10:05/AM POLL RESP. USCG COULDN'T CONFIRM. REPORT. NO SHEEN NOTHING MATCHED UP GOOSECHASE"

All Materials:
Site ID: 303539
Operable Unit ID: 990850
Operable Unit: 01
Material ID: 391222
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

R114
SE
1/8-1/4
0.161 mi.
848 ft.

GRAND CONCOURSE PETROLEUM, LLC
350 GRAND CONCOURSE
BRONX, NY 10451
Site 2 of 3 in cluster R

NY UST U003107160
N/A

Relative:
Higher
Actual:
32 ft.

UST:
Id/Status: 2-600110 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 10/23/2023
UTM X: 590358.34035
UTM Y: 4518796.98719
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 22095
Affiliation Type: Mail Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: VICE PRESIDENT
Contact Name: JIMMY KOCHISARI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

Date Last Modified: 2018-08-29

Site Id: 22095
Affiliation Type: Facility Operator
Company Name: GRAND CONCOURSE PETROLEUM, LLC
Contact Type: Not reported
Contact Name: HARBHAJAN SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-0830
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 22095
Affiliation Type: Emergency Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: Not reported
Contact Name: JIMMY KOCHISARI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 22095
Affiliation Type: Facility Owner
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: VICE PRESIDENT
Contact Name: JIMMY KOCHISARI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2018-08-29

Tank Info:

Tank Number: 001
Tank ID: 41289

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 002
Tank ID: 41290
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 02/07/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

D01 - Pipe Type - Steel/Carbon Steel/Iron
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 003
Tank ID: 41291
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 02/07/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 004
Tank ID: 41292
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 02/07/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 005
Tank ID: 41293
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 02/07/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 1
Tank ID: 62366
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 12/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 14
Date Test: 07/08/2005
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/14/2017

Equipment Records:

- H05 - Tank Leak Detection - In-Tank System (ATG)
- B04 - Tank External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- I02 - Overfill - High Level Alarm
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- J01 - Dispenser - Pressurized Dispenser
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- D11 - Pipe Type - Flexible Piping
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- C02 - Pipe Location - Underground/On-ground
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 2
Tank ID: 62367
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 12/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 14
Date Test: 07/08/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/14/2017

Equipment Records:

- H05 - Tank Leak Detection - In-Tank System (ATG)
- J01 - Dispenser - Pressurized Dispenser
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- K01 - Spill Prevention - Catch Basin
- I02 - Overfill - High Level Alarm
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- B04 - Tank External Protection - Fiberglass
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- D11 - Pipe Type - Flexible Piping
- C02 - Pipe Location - Underground/On-ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

Tank Number: 3
Tank ID: 62368
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 12/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 14
Date Test: 07/08/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

R115
SE
1/8-1/4
0.161 mi.
848 ft.

A C A AMOCO #594
350 GRAND CONCOURSE BLVD
BRONX, NY 10451

RCRA NonGen / NLR 1000553884
NYD986963189

Site 3 of 3 in cluster R

Relative:
Higher
Actual:
32 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: A C A AMOCO #594
Facility address: 350 GRAND CONCOURSE BLVD
BRONX, NY 10451-5409
EPA ID: NYD986963189
Mailing address: GRAND CONCOURSE BLVD
BRONX, NY 10454
Contact: Not reported
Contact address: GRAND CONCOURSE BLVD
BRONX, NY 10454
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A C A AMOCO #594 (Continued)

1000553884

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

Owner/Operator Summary:

Owner/operator name: A C A MANAGEMENT SERVICES
Owner/operator address: 728 BLACK HORSE PIKE
TURNERSVILLE, NJ 08012
Owner/operator country: US
Owner/operator telephone: 609-227-6111
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: A C A MANAGEMENT SERVICES
Owner/operator address: 728 BLACK HORSE PIKE
TURNERSVILLE, NJ 08012
Owner/operator country: US
Owner/operator telephone: 609-227-6111
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Site name: A C A AMOCO #594
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: A C A AMOCO #594
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A C A AMOCO #594 (Continued)

1000553884

Date form received by agency: 01/07/1992

Site name: A C A AMOCO #594

Classification: Small Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

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

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D018

. Waste name: BENZENE

Violation Status: No violations found

O116
SSE
1/8-1/4
0.161 mi.
849 ft.

B & M LINEN CORP
310 WALTON AVE
BRONX, NY 10451

Site 5 of 11 in cluster O

RCRA NonGen / NLR **1004755458**
FINDS **NY0000002733**
ECHO
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Actual:
30 ft.

Facility name: B & M LINEN CORP

Facility address: 310 WALTON AVE
BRONX, NY 10451-5428

EPA ID: NY0000002733

Mailing address: WALTON AVE
BRONX, NY 10451-5428

Contact: MIRON MARKUS

Contact address: WALTON AVE
BRONX, NY 10451-5428

Contact country: US

Contact telephone: 718-585-3535

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: A T & T

Owner/operator address: 227 W MONROE SUITE 1004
CHICAGO, IL 60606

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Owner/operator country: Not reported
Owner/operator telephone: 312-230-5239
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/07/2000
Owner/Op end date: Not reported

Owner/operator name: A T & T
Owner/operator address: 227 W MONROE SUITE 1004
CHICAGO, IL 60606

Owner/operator country: US
Owner/operator telephone: 312-230-5239
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/07/2000
Owner/Op end date: Not reported

Owner/operator name: A T & T
Owner/operator address: 227 W MONROE SUITE 1004
CHICAGO, IL 60606

Owner/operator country: US
Owner/operator telephone: 312-230-5239
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/07/2000
Owner/Op end date: Not reported

Owner/operator name: GARTH ORG & DOLLED ASSOC
Owner/operator address: 250 W 49TH ST
NEW YORK, NY 10019

Owner/operator country: US
Owner/operator telephone: 212-231-5700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: GARTH ORG & DOLLED ASSOC
Owner/operator address: 250 W 49TH ST
NEW YORK, NY 10019

Owner/operator country: Not reported
Owner/operator telephone: 212-231-5700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

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
Site name: B & M LINEN CORP
Classification: Not a generator, verified

Date form received by agency: 02/15/2001
Site name: B & M LINEN CORP
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Date form received by agency: 01/11/2000
Site name: B & M LINEN CORP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004307526

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004755458
Registry ID: 110004307526
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004307526>

NY MANIFEST:

Country: USA
EPA ID: NY0000002733
Facility Status: Not reported
Location Address 1: 310 WATON AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10457
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NY0000002733
Mailing Name: AMERICAN TELEPHONE & TELEGRAPH COMM
Mailing Contact: J J O'TOOLE
Mailing Address 1: 227 WEST MONROE SUITE 1004
Mailing Address 2: Not reported
Mailing City: CHICAGO
Mailing State: IL
Mailing Zip: 60606
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5164243030

NY MANIFEST:

Document ID: NYC6557793
Manifest Status: Not reported
seq: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Year: 2001
Trans1 State ID: EH270TNY
Trans2 State ID: NJ044
Generator Ship Date: 09/19/2001
Trans1 Recv Date: 09/19/2001
Trans2 Recv Date: 09/21/2001
TSD Site Recv Date: 09/25/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000002733
Trans1 EPA ID: SCR000075150
Trans2 EPA ID: NJD071629976
TSD ID 1: OHD980587364
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
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
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
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

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

O117
SSE
1/8-1/4
0.161 mi.
849 ft.

HIPPODROME SVCS
310 WALTON AVE
BRONX, NY 10451

NY LTANKS 1009225499
NY MANIFEST N/A

Site 6 of 11 in cluster O

Relative:
Higher
Actual:
30 ft.

LTANKS:

Spill Number/Closed Date: 9312938 / 1994-02-02
 Facility ID: 9312938
 Site ID: 79679
 Spill Date: 1994-02-02
 Spill Cause: Tank Overfill
 Spill Source: Tank Truck
 Spill Class: C4
 Cleanup Ceased: 1994-02-02
 SWIS: 0301
 Investigator: SMMARTIN
 Referred To: Not reported
 Reported to Dept: 1994-02-02
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1994-02-03
 Spill Record Last Update: 2003-03-12
 Spiller Name: Not reported
 Spiller Company: BAERENKLAU
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 73950
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
 Remarks: "CONTAINED ON PAVEMENT - CLEAN UP IS DONE."

All Materials:

Site ID: 79679
 Operable Unit ID: 991449
 Operable Unit: 01
 Material ID: 388342
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

NY MANIFEST:

Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIPPODROME SVCS (Continued)

1009225499

EPA ID: NYD000002733
Facility Status: Not reported
Location Address 1: 310 WALTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD000002733
Mailing Name: HIPPODROME SVCS
Mailing Contact: N/S
Mailing Address 1: 310 WALTON AVE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184029092

NY MANIFEST:

Document ID: NYC6386141
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: EH2705NY
Trans2 State ID: T162VWNJ
Generator Ship Date: 02/08/2001
Trans1 Recv Date: 02/08/2001
Trans2 Recv Date: 02/13/2001
TSD Site Recv Date: 02/18/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000002733
Trans1 EPA ID: SCR000075150
Trans2 EPA ID: SCR000074591
TSD ID 1: OHD980587364
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIPPODROME SVCS (Continued)

1009225499

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
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

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O118
SSE
1/8-1/4
0.161 mi.
849 ft.

310 WALTON AVENUE
310 WALTON AVENUE
BRONX, NY 10451

NY UST **U003790763**
N/A

Site 7 of 11 in cluster O

Relative:
Higher
Actual:
30 ft.

UST:
Id/Status: 2-605572 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590250.70566
UTM Y: 4518722.59873
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 27439
Affiliation Type: Facility Owner
Company Name: DOLED ASSOCIATES % WESTROCK DEVELOPMENT
Contact Type: PROPERTY MANAGER / OWNERS
Contact Name: JASON FRIEDLAND
Address1: 656 CENTRAL PARK AVE
Address2: Not reported
City: YONKERS
State: NY
Zip Code: 10704
Country Code: 001
Phone: (914) 751-4000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-02-09

Site Id: 27439
Affiliation Type: Mail Contact
Company Name: WESTROCK DEVELOPMENT
Contact Type: Not reported
Contact Name: JASON FRIEDLAND
Address1: 656 CENTRAL PARK AVE
Address2: Not reported
City: YONKERS
State: NY
Zip Code: 10704

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

Country Code: 001
Phone: (914) 751-4000 304
EMail: JFRIEDLAND@WESTROCKDEVELOPMENT.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-02-09

Site Id: 27439
Affiliation Type: Facility Operator
Company Name: 310 WALTON AVENUE
Contact Type: Not reported
Contact Name: JASON FRIEDLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 751-4000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-02-16

Site Id: 27439
Affiliation Type: Emergency Contact
Company Name: DOLED ASSOCIATES % WESTROCK DEVELOPMENT
Contact Type: Not reported
Contact Name: ROBERT FRIEDLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 968-8500
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-02-16

Tank Info:

Tank Number: 01
Tank ID: 60069
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 03/24/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Tightness Test Method: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping

**M119
NNW
1/8-1/4
0.163 mi.
862 ft.**

**CON EDISON SERVICE BOX: 7108
37 E 149TH ST FRONT OF
BRONX, NY 10451**

**RCRA NonGen / NLR 1017776777
NYP004546479**

Site 4 of 9 in cluster M

**Relative:
Lower
Actual:
3 ft.**

RCRA NonGen / NLR:
Date form received by agency: 06/29/2014
Facility name: CON EDISON SERVICE BOX: 7108
Facility address: 37 E 149TH ST FRONT OF
BRONX, NY 10451
EPA ID: NYP004546479
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 7108 (Continued)

1017776777

Historical Generators:

Date form received by agency: 05/29/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/29/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

**M120
NNW
1/8-1/4
0.163 mi.
862 ft.**

**CON EDISON
37 E 149TH ST FRONT OF
BRONX, NY 10451**

**NY MANIFEST S117062306
N/A**

Site 5 of 9 in cluster M

**Relative:
Lower
Actual:
3 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004546479
Facility Status: Not reported
Location Address 1: FO 370 E 149 ST
Code: BP
Location Address 2: SB 7108
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10455
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004546479
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05/29/2014
Trans1 Recv Date: 05/29/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004546479
Trans1 EPA ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117062306

Trans2 EPA ID: Not reported
 TSD ID 1: NJD991291105
 TSD ID 2: Not reported
 Manifest Tracking Number: 002422965GBF
 Import Indicator: N
 Export Indicator: N
 Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 60
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

**M121
 NNW
 1/8-1/4
 0.163 mi.
 862 ft.**

**CON EDISON
 91 E 149TH ST FRONT OF
 BRONX, NY 10451**

**NY MANIFEST S117062310
 N/A**

Site 6 of 9 in cluster M

**Relative:
 Lower
 Actual:
 3 ft.**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004546511
 Facility Status: Not reported
 Location Address 1: FO 391 E 149 ST
 Code: BP
 Location Address 2: SB 7105
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10451
 Location Zip 4: Not reported

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062310

EPAID: NYP004546511
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05/29/2014
Trans1 Recv Date: 05/29/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004546511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422964GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 600
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062310

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

M122
NNW
1/8-1/4
0.163 mi.
862 ft.

CON EDISON SERVICE BOX: 7105
91 E 149TH ST FRONT OF
BRONX, NY 10451

RCRA NonGen / NLR **1017776781**
FINDS **NYP004546511**

Site 7 of 9 in cluster M

Relative:
Lower
Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/29/2014
Facility name: CON EDISON SERVICE BOX: 7105
Facility address: 91 E 149TH ST FRONT OF
BRONX, NY 10451
EPA ID: NYP004546511
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
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: 05/29/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/29/2014
Site name: CON EDISON
Classification: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON SERVICE BOX: 7105 (Continued)

1017776781

Violation Status: No violations found

FINDS:

Registry ID: 110063816900

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**M123
 NNW
 1/8-1/4
 0.166 mi.
 878 ft.**

**MILL POND PARK/PIER 5
 65 EAST 149TH STREET
 BRONX, NY 10451**

**US BROWNFIELDS 1018273279
 N/A**

Site 8 of 9 in cluster M

**Relative:
 Lower
 Actual:
 3 ft.**

US BROWNFIELDS:
 Property Name: MILL POND PARK/PIER 5
 Recipient Name: New York, City of
 Grant Type: Assessment
 Property Number: Block 2356, Lot 2
 Parcel size: 4.17
 Latitude: 40.820118
 Longitude: -73.93155999999999
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 167508
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 4500
 Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA
 Cleanup Funding Entity: Not reported
 Grant Type: Hazardous
 Accomplishment Type: Phase I Environmental Assessment
 Accomplishment Count: 1
 Cooperative Agreement Number: 97257906
 Start Date: 04/10/2012 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL POND PARK/PIER 5 (Continued)

1018273279

Ownership Entity:	Government
Completion Date:	05/08/2012 00:00:00
Current Owner:	City of New York
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	4.17
Future use greenspace acreage:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MILL POND PARK/PIER 5 (Continued)

1018273279

Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Former rail yard
Below Poverty Number:	6231
Below Poverty Percent:	24.2%
Meidan Income:	9861
Meidan Income Number:	12585
Meidan Income Percent:	48.8%
Vacant Housing Number:	1101
Vacant Housing Percent:	8.6%
Unemployed Number:	1703
Unemployed Percent:	6.6%

**M124
 NNW
 1/8-1/4
 0.166 mi.
 878 ft.**

**BRONX POINT
 65 EAST 149TH STREET
 BRONX, NY 10451
 Site 9 of 9 in cluster M**

**NY BROWNFIELDS S123159102
 N/A**

**Relative:
 Lower
 Actual:
 3 ft.**

BROWNFIELDS:
 Program: BCP
 Site Code: 577942
 Acres: 4.65
 HW Code: C203117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX POINT (Continued)

S123159102

SWIS:	0301
Town:	New York City
Record Added Date:	10/05/2018
Record Updated Date:	11/13/2018
Update By:	AMSERVIS
Site Description:	<p>Location: The site, referred to as Bronx Point, is located at 65 East 149th Street in the West Concourse neighborhood of the Bronx, New York. The site is bound by Mill Pond Park to the north; Major Deegan Expressway/Exterior Street followed by the Bronx Terminal Market to the east; East 149th Street/145th Street Bridge followed by a New York Recycling facility to the south; and a railroad right-of-way followed by the Harlem River to the west. According to the United States Geology Survey (USGS) 7.5-Minute Quadrangle Map, the site elevation is about 3 feet above mean sea level (msl). Site Features/Current Zoning and Land Use: The site is currently comprised of vacant, asphalt-paved lots with one remnant steel loading structure on the western portion of the site. The site is currently located in a R7-2/C2-5 mixed-use district. The site is located within the Special Harlem River Waterfront District. The adjoining parcels are used for commercial and light industrial purposes, with the surrounding area generally consisting of residential, commercial, light industrial, and institutional (schools and churches) use. Site Geology and Hydrogeology: The general stratigraphy of the site, from the surface down, consisted of about 19 feet of historic fill, followed by alternating layers of clay, silt, sand and bedrock. The historic fill layer consisted of black/brown/gray sand with varying amounts of gravel, silt, concrete, brick, and shell fragments. Bedrock was encountered at about 67 feet bgs in the central and southeastern portion of the site and at about 78 feet bgs in the southwestern portion of the site. Groundwater, presumably flows west towards the Harlem River, was encountered at about 3 feet bgs in the southwest portion of the site and at about 6 feet bgs in the eastern portion of the site during previous investigations.</p>
Env Problem:	Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.
Health Problem:	Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Josue Sanchez
Owner Company:	Bronx Point Owner LLC
Owner Address:	419 Park Avenue South, 18th Floor
Owner Addr2:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRONX POINT (Continued)

S123159102

Owner City,St,Zip:	New York, NY 10016
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	C01
Owner Name:	Rory Melvin
Owner Company:	New York City Economic Development Corporation
Owner Address:	110 William Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10038
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New York Public Library - Mott Haven
Owner Address:	NYPL Mott Haven Library
Owner Addr2:	321 East 140th Street
Owner City,St,Zip:	Bronx, NY 10454
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	C01
Owner Name:	Rory Melvin
Owner Company:	New York City Economic Development Corporation
Owner Address:	110 William Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10038
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Kathleen Saunders
Owner Company:	Bronx Community Board
Owner Address:	1650 Selwyn Avenue, Suite 11A
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10457
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

O125
South
1/8-1/4
0.170 mi.
897 ft.

287 WALTON AVE.
287 WALTON AVENUE
BRONX, NY 10451
Site 8 of 11 in cluster O

NY AST U004078456
N/A

Relative:
Higher
Actual:
27 ft.

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-605583
Program Type:	PBS
UTM X:	590282.01893

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

287 WALTON AVE. (Continued)

U004078456

UTM Y: 4518747.44968
Expiration Date: 04/06/2021
Site Type: Other

Affiliation Records:

Site Id: 27450
Affiliation Type: Facility Owner
Company Name: 287-289 WALTON AVE ASSOCIATES
Contact Type: ON SITE OPERATOR
Contact Name: KEN RUTH
Address1: 287 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-25

Site Id: 27450
Affiliation Type: Mail Contact
Company Name: STANLEY RUTH CO. INC.
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: 287 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 993-4000
EMail: KEN@STANLEYRUTH.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-25

Site Id: 27450
Affiliation Type: Facility Operator
Company Name: 287 WALTON AVE.
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27450
Affiliation Type: Emergency Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

287 WALTON AVE. (Continued)

U004078456

Company Name: 287 WALTON AVE ASSOCIATES
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 60081
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
B05 - Tank External Protection - Jacketed
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
K01 - Spill Prevention - Catch Basin

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1974
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: MRBARROW
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q126
North
1/8-1/4
0.173 mi.
913 ft.

CON EDISON
591 RIVER AVE
BRONX, NY 10451

RCRA NonGen / NLR
FINDS
ECHO

1019909283
NYP004883043

Site 2 of 6 in cluster Q

Relative:
Lower

RCRA NonGen / NLR:

Actual:
7 ft.

Date form received by agency: 12/22/2015
Facility name: CON EDISON
Facility address: 591 RIVER AVE
BRONX, NY 10451
EPA ID: NYP004883043
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 12/22/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069655778

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

CON EDISON (Continued)

1019909283

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019909283
Registry ID: 110069655778
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069655778>

Q127
North
1/8-1/4
0.173 mi.
913 ft.

CON EDISON
591 RIVER AVE
BRONX, NY 10451

NJ MANIFEST S120678437
N/A

Site 3 of 6 in cluster Q

Relative:
Lower
Actual:
7 ft.

NJ MANIFEST:
EPA Id: NYP004883043
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002832536GBF
EPA ID: NYP004883043
Date Shipped: 12/22/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
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

CON EDISON (Continued)

S120678437

Date TSDF Received Waste: 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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

N128
ENE
1/8-1/4
0.175 mi.
925 ft.

CON EDISON
E 149TH ST & GRAND CONCOURSE
BRONX, NY 10455

RCRA NonGen / NLR **1012185309**
NY MANIFEST **NYP004161121**

Site 4 of 9 in cluster N

Relative:
Higher
Actual:
43 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: E 149TH ST & GRAND CONCOURSE
BRONX, NY 10455
EPA ID: NYP004161121
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 212-580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185309

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/12/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004161121
Facility Status: Not reported
Location Address 1: 149TH ST & GRAND CONCOURSE
Code: BP
Location Address 2: EXCAVATION
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004161121
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YO
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 09/12/2008
Trans1 Recv Date: 09/12/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/15/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004161121
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980593636
TSDF ID 2: Not reported
Manifest Tracking Number: 001432830FLE
Import Indicator: N
Export Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1012185309

Discr Quantity Indicator: Y
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H135
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 30.0
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 1.0
 Container Type: DM - Metal drums, barrels
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1.0
 Waste Code: D018
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

N129
ENE
1/8-1/4
0.175 mi.
925 ft.

MTA NYCT - 149TH ST GRAND CONCOURSE STA
E 149TH ST & GRAND CONCOURSE
BRONX, NY 10451

RCRA-CESQG 1007571090
NY MANIFEST NYR000126490

Site 5 of 9 in cluster N

Relative:
Higher
Actual:
43 ft.

RCRA-CESQG:
 Date form received by agency: 01/01/2007
 Facility name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
 Facility address: E 149TH ST & GRAND CONCOURSE
 2 & 5 LINE
 BRONX, NY 10451
 EPA ID: NYR000126490
 Mailing address: BROADWAY 2ND FLOOR
 NEW YORK, NY 10004
 Contact: THOMAS A ABDALLAH
 Contact address: BROADWAY 2ND FLOOR
 NEW YORK, NY 10004
 Contact country: US
 Contact telephone: 646-252-3500
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued)

1007571090

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: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1968
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1968
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued)

1007571090

Historical Generators:

Date form received by agency: 01/01/2006
Site name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/11/2004
Site name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYR000126490
Facility Status: Not reported
Location Address 1: 149TH ST & GRAND CONCOURSE STA
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000126490
Mailing Name: NYCTA CPM ENV ENG
Mailing Contact: N/S
Mailing Address 1: 2 BROADWAY 2ND FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6462523500

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/07/2013
Trans1 Recv Date: 10/07/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/08/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000126490
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued)

1007571090

TSDf ID 2:	Not reported
Manifest Tracking Number:	010913891JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	409
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q130
NNE
1/8-1/4
0.176 mi.
928 ft.

585 GERARD AVENUE CORP.
585 GERARD AVENUE
BRONX, NY 10451

NY AST **A100300589**
N/A

Site 4 of 6 in cluster Q

Relative:
Higher
Actual:
12 ft.

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-070394
Program Type:	PBS
UTM X:	590344.28472
UTM Y:	4519352.96709
Expiration Date:	N/A
Site Type:	Other
Affiliation Records:	
Site Id:	1557
Affiliation Type:	Facility Owner
Company Name:	585 GERARD AVENUE CORP.
Contact Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

585 GERARD AVENUE CORP. (Continued)

A100300589

Contact Name: Not reported
Address1: 50 EAST 153RD ST.
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 292-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1557
Affiliation Type: Mail Contact
Company Name: 585 GERARD AVENUE CORP.
Contact Type: Not reported
Contact Name: HERBERT W. GLASER
Address1: 50 EASE 153RD STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 292-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1557
Affiliation Type: Facility Operator
Company Name: 585 GERARD AVENUE CORP.
Contact Type: Not reported
Contact Name: HERBERT W. GLASER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1557
Affiliation Type: Emergency Contact
Company Name: 585 GERARD AVENUE CORP.
Contact Type: Not reported
Contact Name: HERBERT W. GLASER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

585 GERARD AVENUE CORP. (Continued)

A100300589

Country Code: 001
Phone: (718) 292-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 2646
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F06 - Pipe External Protection - Wrapped
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
J01 - Dispenser - Pressurized Dispenser
B05 - Tank External Protection - Jacketed
G03 - Tank Secondary Containment - Vault (w/o access)
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
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: 09/26/1994
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

N131
ENE
1/8-1/4
0.177 mi.
936 ft.

HOSTOS COMMUNITY COLLEGE - TRAILER #5
427 WALTON AVE
BRONX, NY 10451
Site 6 of 9 in cluster N

RCRA-CESQG **1009312355**
NY Spills **NYR000137091**
NY AIRS
NJ MANIFEST
NY MANIFEST

Relative:
Higher
Actual:
42 ft.

RCRA-CESQG:
Date form received by agency: 06/06/2007
Facility name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Facility address: 427 WALTON AVE
BRONX, NY 10451
EPA ID: NYR000137091
Mailing address: GRAND CONCOURSE
BRONX, NY 10451
Contact: FRANK VIRONE
Contact address: GRAND CONCOURSE
BRONX, NY 10451

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

Contact country: US
Contact telephone: 718-518-4476
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: CUNY-HOSTOS COMMUNITY COLLEGE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1999
Owner/Op end date: Not reported

Owner/operator name: DORMITORY AUTHORITY OF THE STATE OF NY
Owner/operator address: PENN PLAZA 52ND FLOOR
NEW YORK, NY 10119
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1990
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

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

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 06/05/2007
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/13/2006
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/12/2006
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Large Quantity Generator

Violation Status: No violations found

SPILLS:

Spill Number/Closed Date: 0800543 / 2010-06-24
Facility ID: 0800543
Facility Type: ER
DER Facility ID: 345805
Site ID: 396314
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 0301
Spill Date: 2008-04-14
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 2008-04-14
CID: 444
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: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-04-14
Spill Record Last Update: 2010-06-24
Spiller Name: DIAHANN MCFARLAND
Spiller Company: HOSTOS COMMUNITY COLLEGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

Spiller Address: 500 GRAND CONCOURSE
Spiller Company: 999
Contact Name: MICHAEL VANDERHEIJDEN
DEC Memo: "CSL prepared and sent to Consultant: Woodard and Curran Attn: MICHAEL VANDERHEIJDEN 709 Westchester Ave White Plains, NY 10604 04/24/08-Vought-Called Michael VanDerheijden (Ph:914-448-2266 Fax:914-448-0147) and left message to return call to DEC. Owners contact as per PBS (Frank Virone 718-518-4476). Vought sent and faxed CSL with one month due date to mail address as per PBS #2-452319: Mr. Frank Virone Hostos Community College 500 Grand Concourse Bronx, NY 10451 DEC requires: 1)delineation of soil and groundwater contamination 2)collection of endpoint soil samples if excavation is performed 3)possible PBS update. 04/25/08-Vought-Received call from and spoke to Vanderheijden and data has not been received and product was present. Groundwater very shallow and some free product on groundwater. Depth to groundwater is one foot below grade. Sump five feet away and water in sump has been clean. Further action pending receipt of analyticals. Spill located in basement of building and spatial constraints may restrict excavation. Tank has been cleaned and filled with cement. Spill may be associated with an prior overfill. Tank that was abandoned was technically as UST in a vault in a two tier basement and only access to tank is via manholes. PBS will be changed from temporarily out of service to permanently closed and PBS registration was submitted as per Vanderheijden. Possible action may include additional borings once analyticals are received. Report will be received within two months and deadline extended till June 27, 2008. 05/02/08-Vought-Received call from and spoke to Vanderheijden and he received letter with one month due date and requested letter extending till 6/27/08. Vought sent email to Vanderheijden with above notes from 4/25/08 extending deadline. 05/29/08-Vought-Received fax from Woodward and Curran (Van Der Heijden) dated 5/29/08. 10,000-gallon #6 fuel oil UST located in a very confined area surrounded by electrical and boiler equipment that services the entire building . UST was closed including removal of product and filling with concrete slurry to close in place on 3/25/08. Soil and groundwater samples collected adjacent to the tank and droplets of oil were observed floating on top of the water . Groundwater analyticals showed no detections of VOCs or SVOCs. Proposal to install three additional borings and redrilling of original sample locations in floor and performance of a bail down test to examine product recharge into borings. Once all reasonably recoverable petroleum product has been removed, CUNY will cease recovery backfill holes and notify the DEC . DEC requires: 1)site plan 2)backfill holes only upon approval from DEC and absence of free product as opposed to reasonably recovered. Vought called Van der Heijden and explained above requirements and requested site plan before approval can be provided. 10/03/08-Vought-Received emailed site plan from Van Der Heijden on 6/11/08. Vought called Van Der Heijden to clarify pumps adjacent to UST location on site plan. Site plan also has two proposed sampling locations instead of three location as per 5/29/08 proposal. Vought left message to return call. Vought received callback from and spoke to Van der Heijden and pumps adjacent to UST on site plan are sump pumps that have had no history of product detection however two sampling locations farther away from two sumps had prior history of free product in borings. Van Der Heijden will install three to four additional borings to confirm the presence/absence of product and collect groundwater samples in

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

locations of prior borings and assumed downgradient locations. Vought sent letter approving of 5/29/08 proposal with cc to Van Der Heijden. 07/27/09-Vought-Received call from John Virgie (Obrien and Gere-732-225-7380) and they will be replacing Woodward and Curran (former consultant) and they will be implementing scope dated 5/29/08 but only difference will be wells be installed instead of borings. DEC will receive report by 11/15/09. 6/11/10-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A. 6/14/10 - Raphael Ketani. On 8/6/09, a letter was received from O'Brien & Gere confirming discussions between Mr. Vought and Mr. Virgie regarding the proposed subsurface investigation. On 8/10/09, a letter was received from O'Brien & Gere which had the same content as the 8/4/09 letter, but with the addition of an LSIR submission date and a remediation report submission date. Mr. Vought had received the 11/6/2009 Limited Subsurface Investigation Report (LSIR) on 11/9/09. I reviewed the report today. The three groundwater samples were all non-detect for SVOCs and VOCs. The seven soil samples were non-detect for VOCs and almost entirely non-detect for SVOCs. The soil sample from MW-3 at 4 to 6 feet had a series of very low SVOC hits (some of which were exceedences for the benzo group of analytes), but the concentrations are not typical of oil contamination. I tried to contact John Virgie of O'Brien & Gere (732) 225-7380 regarding the report and the need to do a boring at each end of the tank, but I could only leave a phone message. 6/15/10 - Raphael Ketani. I tried to contact Mr. Virgie on his cell (609) 306-0509 regarding the site investigation, but could only leave a message. 6/17/10 - Raphael Ketani. I tried to contact Mr. Virgie regarding the site investigation, but could only leave a message. Mark Randazzo of O'Brien & Gere (781) 883-6432 called in response to my attempt to contact Mr. Virgie. He said that he started the project and usually works on the CUNY site. He said that he is familiar with the project. I asked him why borings were not done at the ends of the tank as there seemed to be enough room to get some equipment to these locations. Mr. Randazzo said that he wasn't sure why. However, he said, the borings and wells that were installed were in an area that was lower than the tank and downgradient. Mr. Randazzo said that he will look at the project again and get back to me. 6/18/10 - Raphael Ketani. Mr. Randazzo called me back. We discussed the site and the presence of droplets of oil in the 2008 groundwater samples. He stated that O'Brien & Gere will bring the matter to the attention of staff at Hostos Community College regarding attempting to install two temporary wells (one at each end of the tank). The most contaminated soil sample would be taken from each boring and a groundwater sample. 6/23/10 - Raphael Ketani. Mr. Randazzo sent me the following e-mail today: O'Brien & Gere respectfully requests that you reconsider your request for additional soil borings and temporary wells in the area of the UST, based on the following: - wells were installed hydraulically downgradient from the UST and no oil was found; - No. 6 oil is characteristically not very mobile; - when the building is taken down, any limited LNAPL present in the area of the tank will be removed; - the sub-basement sump near the UST was found to be free of No. 6 oil; and - according to Hostos personnel, utility drawings in direct vicinity of the tank, electrical equipment, and pump area are not available. Based on this information we ask that you reconsider this request and close the spill number. 6/24/10 - Raphael Ketani. As the product lost is #6 oil which has a low concentration of volatile components, if any, and as

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

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no oil has been seen in the groundwater during 2009, and as there are no plans to show where the electrical lines are next to the tank - which poses a safety concern for drilling through the floor in the tank room, I am closing the spill case."

Remarks: "DOING SOIL BORINGS CAME UPON CONTAMINATED SOIL"

All Materials:

Site ID: 396314
Operable Unit ID: 1153258
Operable Unit: 01
Material ID: 2144038
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

AIRS:

Permit Type: AFR
Permit Status: Issued
Issue Date: 06/28/2005
Expiration Date: Not reported
County Fips: Not reported
DEC Id: 2600400091
Emission Unit Id: Not reported
Process Id: Not reported
Contaminant Name/cas: Not reported
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: Not reported
Unit: Not reported
Auth Type Code: 2
Latitude: Not reported
Longitude: Not reported

NJ MANIFEST:

EPA Id: NYR000137091
Mail Address: 500 GRAND CONCOURSE
Mail City/State/Zip: BRONX 10451
Facility Phone: 7185184478
Emergency Phone: Not reported
Contact: TAREK JAROUDI
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

Manifest:

Manifest Number: NJA5289719
EPA ID: NYR000137091
Date Shipped: 03/01/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/01/2006
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
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 03/01/2006
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: 05180621
Was Load Rejected: BRONX 10451
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYR000137091
Facility Status: Not reported
Location Address 1: 500 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

NY MANIFEST:

EPAID: NYR000137091
Mailing Name: HOSTOS COMMUNITY COLLEGE
Mailing Contact: N/S
Mailing Address 1: 500 GRAND CONCOURSE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185184478

NY MANIFEST:

Document ID: NJA5289719
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 03/01/2006
Trans1 Recv Date: 03/01/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000137091
Trans1 EPA ID: 084698
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

**N132
ENE
1/8-1/4
0.177 mi.
936 ft.**

**HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451**

**NY AST A100294416
N/A**

Site 7 of 9 in cluster N

**Relative:
Higher
Actual:
42 ft.**

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-452319
Program Type: PBS
UTM X: 590481.34629
UTM Y: 4519119.30065
Expiration Date: 03/21/2020
Site Type: School

Affiliation Records:

Site Id: 19756
Affiliation Type: Mail Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: 500 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 518-4476
EMail: FVIRONE@HOSTOS.CUNY.EDU
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-05-19

Site Id: 19756
Affiliation Type: Facility Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: GEORGE CHERY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: FDBONDI
Date Last Modified: 2017-07-10

Site Id: 19756
Affiliation Type: Emergency Contact
Company Name: CITY UNIVERSITY OF NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2010-06-21

Site Id: 19756
Affiliation Type: Facility Owner
Company Name: CITY UNIVERSITY OF NEW YORK
Contact Type: CHIEF ADMINISTRATIVE SUPERINTENDENT
Contact Name: FRANK VIRONE
Address1: 555 WEST 57TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 541-0473
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-02-10

Tank Info:

Tank Number: 005
Tank Id: 66380
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Pipe Model: Not reported
Install Date: 01/01/1992
Capacity Gallons: 6500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Tank Number: 006
Tank Id: 66381
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
G02 - Tank Secondary Containment - Vault (w/access)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1992
Capacity Gallons: 6500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Tank Number: 007
Tank Id: 182539
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service

Pipe Model: Not reported

Install Date: 06/01/1992

Capacity Gallons: 275

Tightness Test Method: NN

Date Test: Not reported

Next Test Date: Not reported

Date Tank Closed: Not reported

Register: True

Modified By: NTFREEMA

Last Modified: 04/14/2017

Material Name: diesel

Tank Number: 008

Tank Id: 182540

Material Code: 0008

Common Name of Substance: Diesel

Equipment Records:

C01 - Pipe Location - Aboveground
E99 - Piping Secondary Containment - Other
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service

Pipe Model: Not reported

Install Date: 06/01/1992

Capacity Gallons: 275

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

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Date Tank Closed: Not reported
 Register: True
 Modified By: NTFREEMA
 Last Modified: 04/14/2017
 Material Name: diesel

Tank Number: 009
 Tank Id: 182541
 Material Code: 0008
 Common Name of Substance: Diesel

Equipment Records:

J02 - Dispenser - Suction Dispenser
 C01 - Pipe Location - Aboveground
 G01 - Tank Secondary Containment - Diking (Aboveground)
 H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
 E00 - Piping Secondary Containment - None
 I02 - Overfill - High Level Alarm
 L09 - Piping Leak Detection - Exempt Suction Piping
 A00 - Tank Internal Protection - None
 B01 - Tank External Protection - Painted/Asphalt Coating
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 F01 - Pipe External Protection - Painted/Asphalt Coating
 K00 - Spill Prevention - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 06/01/1988
 Capacity Gallons: 275
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: NTFREEMA
 Last Modified: 04/14/2017
 Material Name: diesel

N133
ENE
1/8-1/4
0.177 mi.
936 ft.

HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451
Site 8 of 9 in cluster N

RCRA NonGen / NLR 1014399831
ICIS NYR000179218
US AIRS
FINDS
ECHO
NY MANIFEST

Relative:
Higher
Actual:
42 ft.

RCRA NonGen / NLR:
 Date form received by agency: 04/18/2017
 Facility name: DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOSTOS COMMUNITY COLLEGE
 Facility address: 500 GRAND CONCOURSE
 BRONX, NY 10451
 EPA ID: NYR000179218
 Mailing address: GRAND CONCOURSE
 BRONX, NY 10451

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Contact: SAMIR RIMAWI
Contact address: COMMUNITY COLLEGE DASNY W 181ST ST & UNIVERSITY AVE
BRONX, NY 10453
Contact country: US
Contact telephone: 718-933-9535
Contact email: SRIMAWI@DASNY.ORG
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DASNY
Owner/operator address: PENNSYLVANIA PLZ
NEW YORK, NY 10119
Owner/operator country: US
Owner/operator telephone: 212-273-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1974
Owner/Op end date: Not reported

Owner/operator name: CUNY HOSTOS COMMUNITY COLLEGE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: CUNY HOSTOS COMMUNITY COLLEGE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

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

. Waste code: B002
. Waste name: B002

. Waste code: B007
. Waste name: B007

Historical Generators:

Date form received by agency: 08/26/2016
Site name: DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOSTOS
COMMUNITY COLLEGE
Classification: Small Quantity Generator

. Waste code: B002
. Waste name: B002

. Waste code: B007
. Waste name: B007

Date form received by agency: 01/17/2012
Site name: HOSTOS COMMUNITY COLLEGE
Classification: Not a generator, verified

. Waste code: B007
. Waste name: B007

Date form received by agency: 11/10/2010
Site name: HOSTOS COMMUNITY COLLEGE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: B007
. Waste name: B007

Violation Status: No violations found

ICIS:

Enforcement Action ID: 02-2006-0823
FRS ID: 110014422730
Action Name: Hostos Community College
Facility Name: HOSTOS COMMUNITY COLLEGE
Facility Address: 500 GRAND CONCOURSE
BRONX, NY 104515323
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: BRONX
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.818217
Longitude in Decimal Degrees: -73.927452
Permit Type Desc: Not reported
Program System Acronym: 2659786
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-2003-1006
FRS ID: 110014422730
Action Name: American General Contracting, Inc.
Facility Name: HOSTOS COMMUNITY COLLEGE
Facility Address: 500 GRAND CONCOURSE
BRONX, NY 104515323

Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: BRONX
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.818217
Longitude in Decimal Degrees: -73.927452
Permit Type Desc: Not reported
Program System Acronym: 2659786
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

US AIRS (AFS):

Envid: 1014399831
Region Code: 02
County Code: NY005
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
D and B Number: Not reported
Facility Site Name: HOSTOS COMMUNITY COLLEGE
Primary SIC Code: 8221
NAICS Code: 611310
Default Air Classification Code: SMI
Facility Type of Ownership Code: STF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2005-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2006-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2006-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2008-01-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110014422730

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.

AIR SYNTHETIC MINOR

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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1014399831
Registry ID: 110014422730
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110014422730>

NY MANIFEST:

Country: USA
EPA ID: NYR000179218
Facility Status: Not reported
Location Address 1: 500 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000179218
Mailing Name: HOSTOS COMMUNITY COLLEGE
Mailing Contact: HOSTOS COMMUNITY COLLEGE
Mailing Address 1: 515 BROADWAY
Mailing Address 2: Not reported
Mailing City: ALBANY
Mailing State: NY
Mailing Zip: 12204
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5164886810

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2017
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 03/10/2017
Trans1 Recv Date: 03/10/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/13/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000179218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 000846684VES
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 25
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: B007
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

N134
ENE
1/8-1/4
0.177 mi.
936 ft.

**HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451**

**NY UST U004063142
N/A**

Site 9 of 9 in cluster N

**Relative:
Higher
Actual:
42 ft.**

UST:
Id/Status: 2-452319 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/21/2020
UTM X: 590481.34629
UTM Y: 4519119.30065
Site Type: School

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

Affiliation Records:

Site Id: 19756
Affiliation Type: Mail Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: 500 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 518-4476
EMail: FVIRONE@HOSTOS.CUNY.EDU
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-05-19

Site Id: 19756
Affiliation Type: Facility Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: GEORGE CHERY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: FDBONDI
Date Last Modified: 2017-07-10

Site Id: 19756
Affiliation Type: Emergency Contact
Company Name: CITY UNIVERSITY OF NEW YORK
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2010-06-21

Site Id: 19756
Affiliation Type: Facility Owner
Company Name: CITY UNIVERSITY OF NEW YORK
Contact Type: CHIEF ADMINISTRATIVE SUPERINTENDENT
Contact Name: FRANK VIRONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

Address1: 555 WEST 57TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 541-0473
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-02-10

Tank Info:

Tank Number: 001
Tank ID: 35418
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 09/01/1988
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 002
Tank ID: 35419
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 09/01/1988
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 003
Tank ID: 35420
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 09/01/1988
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 004
Tank ID: 54820
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: 06/01/1991
Date Tank Closed: 04/08/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G07 - Tank Secondary Containment - Excavation Liner
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 010
Tank ID: 196325
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 04/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Tank Number: 011
Tank ID: 196326
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 04/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

S135 METROPOLITAN ROOFING SUPPS CO
South 355 MAJOR DEEGAN BLVD
1/8-1/4 NEW YORK, NY 10451
0.180 mi.
948 ft. Site 1 of 2 in cluster S

NY UST U001831654
NY AST N/A

Relative:
Higher
Actual:
17 ft.

UST:
Id/Status: 2-061441 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590104.88215
UTM Y: 4518573.81116
Site Type: Unknown

Affiliation Records:

Site Id: 1088
Affiliation Type: Facility Owner
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: Not reported
Address1: 355 MAJOR DEEGAN BLVD
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Mail Contact
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: Not reported
Address1: 355 MAJOR DEEGAN BLVD
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Facility Operator
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: METROPOLITAN ROOFING SUPPS CO
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

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

Zip Code: Not reported
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Emergency Contact
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: CARL J GEROSA JR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 834-7494
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 101
Tank ID: 2127
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1962
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

Tank Number: 102
Tank ID: 2128
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1962
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 103
Tank ID: 2129
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1962
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-061441
Program Type: PBS
UTM X: 590104.88215
UTM Y: 4518573.81116
Expiration Date: N/A
Site Type: Unknown

Affiliation Records:

Site Id: 1088
Affiliation Type: Facility Owner
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: Not reported
Address1: 355 MAJOR DEEGAN BLVD
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Mail Contact
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: Not reported
Address1: 355 MAJOR DEEGAN BLVD
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Facility Operator
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: METROPOLITAN ROOFING SUPPS CO
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 665-3700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1088
Affiliation Type: Emergency Contact
Company Name: METROPOLITAN ROOFING SUPPS CO
Contact Type: Not reported
Contact Name: CARL J GEROSA JR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 834-7494
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 39997
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 002
Tank Id: 39998
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 003
Tank Id: 39999
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.

Tank Type: Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN ROOFING SUPPS CO (Continued)

U001831654

Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 004
Tank Id: 40000
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

O136
SSE
1/8-1/4
0.184 mi.
970 ft.

BOULEVARD CAR WASH OF N.Y. INC.
315 GRAND CONCOURSE
BRONX, NY 10451

NY AST A100293314
N/A

Site 9 of 11 in cluster O

Relative:
Higher
Actual:
29 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-402877
Program Type: PBS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

A100293314

UTM X: 590320.26497
UTM Y: 4518743.34345
Expiration Date: 02/08/2020
Site Type: Other Wholesale/Retail Sales

Affiliation Records:

Site Id: 19315
Affiliation Type: Mail Contact
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MICHAEL LAGE
Address1: 4391 BOSTON POST RD.
Address2: Not reported
City: PELHAM MANOR
State: NY
Zip Code: 10803
Country Code: 001
Phone: (914) 637-3895
EMail: MICHAELLAGELMC@GMAIL.COM
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Facility Operator
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MAMADOU CISSE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Emergency Contact
Company Name: 315 R.E. CORP.
Contact Type: Not reported
Contact Name: MICHAEL LAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 637-3895
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

A100293314

Affiliation Type: Facility Owner
Company Name: 315 R.E. CORP.
Contact Type: GM
Contact Name: MICHAEL LAGE
Address1: 315 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Tank Info:

Tank Number: 67
Tank Id: 181891
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
J03 - Dispenser - Gravity
F02 - Pipe External Protection - Original Sacrificial Anode
G01 - Tank Secondary Containment - Diking (Aboveground)
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: LSZINOMA
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 68
Tank Id: 181887

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

A100293314

Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

F06 - Pipe External Protection - Wrapped
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
G01 - Tank Secondary Containment - Diking (Aboveground)
J03 - Dispenser - Gravity
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
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: LSZINOMA
Last Modified: 04/14/2017
Material Name: waste oil/used oil

Tank Number: 69
Tank Id: 181888
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
F06 - Pipe External Protection - Wrapped
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
F02 - Pipe External Protection - Original Sacrificial Anode
G01 - Tank Secondary Containment - Diking (Aboveground)
J03 - Dispenser - Gravity
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.

Tank Type: Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

A100293314

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
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: LSZINOMA
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 70
Tank Id: 181889
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
F06 - Pipe External Protection - Wrapped
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
G01 - Tank Secondary Containment - Diking (Aboveground)
J03 - Dispenser - Gravity

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
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: LSZINOMA
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 71
Tank Id: 181890
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

A100293314

<p>Tank Location:</p> <p>Tank Type:</p> <p>Tank Status:</p> <p>Pipe Model:</p> <p>Install Date:</p> <p>Capacity Gallons:</p> <p>Tightness Test Method:</p> <p>Date Test:</p> <p>Next Test Date:</p> <p>Date Tank Closed:</p> <p>Register:</p> <p>Modified By:</p> <p>Last Modified:</p> <p>Material Name:</p>	<p>F06 - Pipe External Protection - Wrapped</p> <p>F02 - Pipe External Protection - Original Sacrificial Anode</p> <p>G01 - Tank Secondary Containment - Diking (Aboveground)</p> <p>J03 - Dispenser - Gravity</p> <p>A01 - Tank Internal Protection - Epoxy Liner</p> <p>E00 - Piping Secondary Containment - None</p> <p>K01 - Spill Prevention - Catch Basin</p> <p>B01 - Tank External Protection - Painted/Asphalt Coating</p> <p>D01 - Pipe Type - Steel/Carbon Steel/Iron</p> <p>H02 - Tank Leak Detection - Interstitial - Manual Monitoring</p> <p>C01 - Pipe Location - Aboveground</p> <p>I04 - Overfill - Product Level Gauge (A/G)</p> <p>L02 - Piping Leak Detection - Interstitial - Manual Monitoring</p> <p>Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.</p> <p>Steel/Carbon Steel/Iron</p> <p>In Service</p> <p>Not reported</p> <p>01/01/2003</p> <p>1500</p> <p>NN</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>True</p> <p>LSZINOMA</p> <p>04/14/2017</p> <p>lube oil</p>
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O137
SSE
1/8-1/4
0.184 mi.
970 ft.

BOULEVARD CAR WASH OF N.Y. INC.
315 GRAND CONCOURSE
BRONX, NY 10451
Site 10 of 11 in cluster O

NY UST **U004078584**
N/A

Relative:
Higher
Actual:
29 ft.

<p>UST:</p> <p>Id/Status:</p> <p>Program Type:</p> <p>Region:</p> <p>DEC Region:</p> <p>Expiration Date:</p> <p>UTM X:</p> <p>UTM Y:</p> <p>Site Type:</p> <p>Affiliation Records:</p> <p>Site Id:</p> <p>Affiliation Type:</p> <p>Company Name:</p> <p>Contact Type:</p> <p>Contact Name:</p> <p>Address1:</p> <p>Address2:</p> <p>City:</p> <p>State:</p> <p>Zip Code:</p> <p>Country Code:</p> <p>Phone:</p>	<p>2-402877 / Active</p> <p>PBS</p> <p>STATE</p> <p>2</p> <p>02/08/2020</p> <p>590320.26497</p> <p>4518743.34345</p> <p>Other Wholesale/Retail Sales</p> <p>19315</p> <p>Mail Contact</p> <p>BOULEVARD CAR WASH OF N.Y. INC.</p> <p>Not reported</p> <p>MICHAEL LAGE</p> <p>4391 BOSTON POST RD.</p> <p>Not reported</p> <p>PELHAM MANOR</p> <p>NY</p> <p>10803</p> <p>001</p> <p>(914) 637-3895</p>
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

EMail: MICHAELLAGELMC@GMAIL.COM
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Facility Operator
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MAMADOU CISSE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Emergency Contact
Company Name: 315 R.E. CORP.
Contact Type: Not reported
Contact Name: MICHAEL LAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 637-3895
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Facility Owner
Company Name: 315 R.E. CORP.
Contact Type: GM
Contact Name: MICHAEL LAGE
Address1: 315 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

Tank Info:

Tank Number: 001
Tank ID: 22923
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A99 - Tank Internal Protection - Other
F02 - Pipe External Protection - Original Sacrificial Anode
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 002
Tank ID: 22924
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
F02 - Pipe External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
A99 - Tank Internal Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 22925
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 004
Tank ID: 22926
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 22927
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 006
Tank ID: 22928
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
F02 - Pipe External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 007
Tank ID: 22929
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
K01 - Spill Prevention - Catch Basin
F02 - Pipe External Protection - Original Sacrificial Anode
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOULEVARD CAR WASH OF N.Y. INC. (Continued)

U004078584

Tank Number: 008
Tank ID: 22930
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/2001
Date Tank Closed: 12/17/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
B02 - Tank External Protection - Original Sacrificial Anode
I99 - Overfill - Other
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
A99 - Tank Internal Protection - Other

O138
SSE
1/8-1/4
0.184 mi.
970 ft.

GRAND OPERATING CORP
315 GRAND CONCOURSE
BRONX, NY 10451
Site 11 of 11 in cluster O

RCRA NonGen / NLR **1001489342**
ICIS **NYU005001326**
US AIRS
FINDS
ECHO

Relative:
Higher
Actual:
29 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: GRAND OPERATING CORP
Facility address: 315 GRAND CONCOURSE
BRONX, NY 10451
EPA ID: NYU005001326
Mailing address: N HENRY ST
BROOKLYN, NY 11222
Contact: Not reported
Contact address: N HENRY ST
BROOKLYN, NY 11222
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NON REGULATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 718-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 718-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Date form received by agency: 05/10/1999
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Date form received by agency: 05/10/1999
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

Evaluation Action Summary:

Evaluation date: 04/06/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

ICIS:

Enforcement Action ID: 02-000F000360050015300002
FRS ID: 110009488394
Action Name: 315 G C CITGO-315 GRAND CONCOURSE 360050015300002
Facility Name: 315 G C CITGO-315 GRAND CONCOURSE
Facility Address: 315 GRAND CONCOURSE
BRONX, NY 10451
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5541
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.8145
Longitude in Decimal Degrees: -73.92925
Permit Type Desc: Not reported
Program System Acronym: NY0000002600400082
Facility NAICS Code: 999999
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1001489342
Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-12-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400082

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

Facility Registry ID: 110009488394
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-24 00:00:00
Activity Status Date: 1994-03-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

US AIRS MINOR:

Envid: 1001489342
Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-12-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-24 00:00:00
Activity Status Date: 1994-03-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110009488394

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility
Subsystem) replaces the former Compliance Data System (CDS), the

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

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.

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001489342
 Registry ID: 110009488394
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009488394>

Q139
North
1/8-1/4
0.187 mi.
985 ft.

NYCDC - BRONX DETENTION FOR MEN
653 RIVER AVE
BRONX, NY 10458
Site 5 of 6 in cluster Q

RCRA NonGen / NLR **1000105610**
FINDS **NYD981487747**
ECHO
NY MANIFEST

Relative:
Lower
Actual:
7 ft.

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: NYCDC - BRONX DETENTION FOR MEN
 Facility address: 653 RIVER AVE
 BRONX, NY 10458
 EPA ID: NYD981487747
 Mailing address: RIVER AVE
 BRONX, NY 10458
 Contact: ALVERO TERRY
 Contact address: RIVER AVE
 BRONX, NY 10458
 Contact country: US
 Contact telephone: 718-391-1095
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

Owner/Operator Summary:

Owner/operator name: NYC DEPT OF CORRECTION
Owner/operator address: 60 HUDSON ST
NEW YORK, NY 10013
Owner/operator country: US
Owner/operator telephone: 212-266-1000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF CORRECTION
Owner/operator address: 60 HUDSON ST
NEW YORK, NY 10013
Owner/operator country: US
Owner/operator telephone: 212-266-1000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
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
Site name: NYCDC - BRONX DETENTION FOR MEN
Classification: Not a generator, verified

Date form received by agency: 05/19/1999
Site name: NYCDC - BRONX DETENTION FOR MEN
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

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

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 07/15/1986
Site name: NYCDC - BRONX DETENTION FOR MEN
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110009472837

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000105610
Registry ID: 110009472837
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009472837>

NY MANIFEST:

Country: USA
EPA ID: NYD981487747
Facility Status: Not reported
Location Address 1: 653 RIVER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD981487747
Mailing Name: NYC BRONX HOUSE OF DETENTION FOR MEN
Mailing Contact: MARTIN LEVY
Mailing Address 1: 653 RIVER AVENUE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186658520

NY MANIFEST:

Document ID: NYB8427609
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 31124MA
Trans2 State ID: 0027401ME
Generator Ship Date: 08/07/1997
Trans1 Recv Date: 08/07/1997
Trans2 Recv Date: 08/13/1997
TSD Site Recv Date: 08/19/1997
Part A Recv Date: 08/26/1997
Part B Recv Date: 09/25/1997
Generator EPA ID: NYD981487747
Trans1 EPA ID: CTD982191942
Trans2 EPA ID: CTD982191942
TSD ID 1: OHD980681571
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 085
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00080
Units: G - Gallons (liquids only)* (8.3 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 085

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q140
North
1/8-1/4
0.187 mi.
985 ft.

BRONX HOUSE OF DETENTION FOR MEN
653 RIVER AVENUE
BRONX, NY 10451
Site 6 of 6 in cluster Q

NY UST **U001832892**
N/A

Relative:
Lower

UST:
Id/Status: 2-187801 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590339.05174
UTM Y: 4519629.04906
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Actual:
7 ft.

Affiliation Records:

Site Id: 5646
Affiliation Type: Mail Contact
Company Name: RELATED MANAGEMENT
Contact Type: Not reported
Contact Name: ED HILLA
Address1: 610 EXTERIOR STREET
Address2: SUITE 100B
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 513-7723
EMail: ED.HILLA@RELATED.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Site Id: 5646
Affiliation Type: Facility Operator
Company Name: BRONX HOUSE OF DETENTION FOR MEN
Contact Type: Not reported
Contact Name: ED HILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 513-7723
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

Date Last Modified: 2013-08-21

Site Id: 5646
Affiliation Type: Emergency Contact
Company Name: NYC EDC
Contact Type: Not reported
Contact Name: RORY MELVIN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 312-3816
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-08-30

Site Id: 5646
Affiliation Type: Facility Owner
Company Name: NYC ECONOMIC DEVELOPMENT CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 110 WILLAIM ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 312-5000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Tank Info:

Tank Number: 001
Tank ID: 5703
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 7000
Install Date: 12/01/1946
Date Tank Closed: 05/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

Equipment Records:

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

Tank Number: 002
Tank ID: 5704
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 7000
Install Date: 12/01/1946
Date Tank Closed: 05/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 003
Tank ID: 5705
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 15000
Install Date: 12/01/1946
Date Tank Closed: 05/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 004
Tank ID: 5706
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1981
Date Tank Closed: 05/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 12/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 5
Tank ID: 180881
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 5000
Install Date: 11/03/2004
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 6
Tank ID: 180882
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 12000
Install Date: 11/03/2004
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
I05 - Overfill - Vent Whistle
G04 - Tank Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- A00 - Tank Internal Protection - None
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- B04 - Tank External Protection - Fiberglass
- E04 - Piping Secondary Containment - Double walled UG

Tank Number: 7
 Tank ID: 180883
 Tank Status: Tank Converted to Non-Regulated Use
 Material Name: Tank Converted to Non-Regulated Use
 Capacity Gallons: 12000
 Install Date: 11/03/2004
 Date Tank Closed: Not reported
 Registered: True
 Tank Location: Underground
 Tank Type: Equivalent technology
 Material Code: 0001
 Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Pipe Model: Not reported
 Modified By: NRLOMBAR
 Last Modified: 04/14/2017

Equipment Records:

- F02 - Pipe External Protection - Original Sacrificial Anode
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I05 - Overfill - Vent Whistle
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- F06 - Pipe External Protection - Wrapped
- J02 - Dispenser - Suction Dispenser
- C02 - Pipe Location - Underground/On-ground
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- K01 - Spill Prevention - Catch Basin
- I02 - Overfill - High Level Alarm
- B04 - Tank External Protection - Fiberglass
- E04 - Piping Secondary Containment - Double walled UG
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron

T141
 NE
 1/8-1/4
 0.188 mi.
 991 ft.

AMOCO SERVICE STATION
557 GRAND CONCOURSE
BRONX, NY 10451
 Site 1 of 10 in cluster T

RCRA NonGen / NLR 1001171440
 US AIRS NY0001492875
 FINDS
 ECHO
 NY MANIFEST

Relative:
 Higher
 Actual:
 45 ft.

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: AMOCO SERVICE STATION
 Facility address: 557 GRAND CONCOURSE
 BRONX, NY 10451
 EPA ID: NY0001492875
 Mailing address: GRAND CONCOURSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO SERVICE STATION (Continued)

1001171440

BRONX, NY 10451
Contact: CARY WOLF
Contact address: GRAND CONCOURSE
BRONX, NY 10451
Contact country: US
Contact telephone: 516-997-9300
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: GRAND CONCOURSE REALTY CORP
Owner/operator address: 55 JERICO TNP
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-997-9300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GRAND CONCOURSE REALTY CORP
Owner/operator address: 55 JERICO TNP
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-997-9300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO SERVICE STATION (Continued)

1001171440

Historical Generators:

Date form received by agency: 01/01/2006
Site name: AMOCO SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 11/20/1997
Site name: AMOCO SERVICE STATION
Classification: Small Quantity Generator

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

Violation Status: No violations found

US AIRS MINOR:

Envid: 1001171440
Region Code: 02
Programmatic ID: AIR NY0000002600400042
Facility Registry ID: 110001565869
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002600400042
Facility Registry ID: 110001565869
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-01-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:

Envid: 1001171440
Region Code: 02
Programmatic ID: AIR NY0000002600400042
Facility Registry ID: 110001565869
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO SERVICE STATION (Continued)

1001171440

Air CMS Category Code:	Not reported
HPV Status:	Not reported
US AIRS MINOR:	
Region Code:	02
Programmatic ID:	AIR NY0000002600400042
Facility Registry ID:	110001565869
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1989-01-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

FINDS:

Registry ID: 110001565869

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.

AIR MINOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO SERVICE STATION (Continued)

1001171440

that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001171440
Registry ID: 110001565869
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001565869>

NY MANIFEST:

Country: USA
EPA ID: NY0001492875
Facility Status: Not reported
Location Address 1: 557 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NY0001492875
Mailing Name: AMOCO SERVICE STATION
Mailing Contact: CARY WOLF
Mailing Address 1: 557 GRAND CONCOURSE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5169979300

NY MANIFEST:

Document ID: NYG0414297
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: PD1011NY
Trans2 State ID: Not reported
Generator Ship Date: 01/07/1998
Trans1 Recv Date: 01/07/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/07/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0001492875
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMOCO SERVICE STATION (Continued)

1001171440

TSDf ID 1: NYD077444263
 TSDf ID 2: Not reported
 Manifest Tracking Number: Not reported
 Import Indicator: Not reported
 Export Indicator: Not reported
 Discr Quantity Indicator: Not reported
 Discr Type Indicator: Not reported
 Discr Residue Indicator: Not reported
 Discr Partial Reject Indicator: Not reported
 Discr Full Reject Indicator: Not reported
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: Not reported
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00250
 Units: P - Pounds
 Number of Containers: 001
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

T142
NE
1/8-1/4
0.188 mi.
991 ft.

JOSE PEREZ
557 GRAND CONCOURSE
BRONX, NY 10450

NY UST **U004067688**
N/A

Site 2 of 10 in cluster T

Relative:
Higher
Actual:
45 ft.

UST:
 Id/Status: 2-207608 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590513.21663
 UTM Y: 4519212.58833
 Site Type: Retail Gasoline Sales

Affiliation Records:
 Site Id: 7375
 Affiliation Type: Facility Owner
 Company Name: GRAND CONCOURSE REALTY CORPORATION
 Contact Type: PRESIDENT
 Contact Name: CARY WOLF
 Address1: 125 JERICHO TURNPIKE
 Address2: Not reported
 City: JERICHO
 State: NY
 Zip Code: 11753

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-19

Site Id: 7375
Affiliation Type: Mail Contact
Company Name: GRAND CONCOURSE REALTY CORPORATION
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: 125 JERICHO TURNPIKE
Address2: SUITE 401
City: JERICHO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-19

Site Id: 7375
Affiliation Type: Facility Operator
Company Name: 557 GRAND CONCOURSE
Contact Type: Not reported
Contact Name: JOSE PEREZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 665-0844
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-19

Site Id: 7375
Affiliation Type: Emergency Contact
Company Name: GRAND CONCOURSE REALTY CORPORATION
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Tank Info:

Tank Number: 001
Tank ID: 9620
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 001
Tank ID: 39361
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 39362
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 9621
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 003
Tank ID: 39363
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 9622
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G03 - Tank Secondary Containment - Vault (w/o access)
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 004
Tank ID: 39364
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 49018
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D10 - Pipe Type - Copper

Tank Number: 005
Tank ID: 49019
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 08/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

I00 - Overfill - None

Tank Number: 005
Tank ID: 39365
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Affiliation Records:

Site Id: 21647
Affiliation Type: Facility Owner
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: Not reported
Address1: 55 JERCHO TURNPIKE
Address2: Not reported
City: JERICO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21647
Affiliation Type: Mail Contact
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Address1: 55 JERCHO TURNPIKE
Address2: Not reported
City: JERICO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21647
Affiliation Type: Facility Operator
Company Name: JOSE PEREZ
Contact Type: Not reported
Contact Name: JOSE PEREZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 665-0844
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-08

Site Id: 21647
Affiliation Type: Emergency Contact
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 9620
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 001
Tank ID: 39361
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 39362

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 9621
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 003
Tank ID: 39363
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 9622
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G03 - Tank Secondary Containment - Vault (w/o access)
F08 - Pipe External Protection - Retrofitted Impressed Current

Tank Number: 004
Tank ID: 39364
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 49018
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D10 - Pipe Type - Copper

Tank Number: 005
Tank ID: 49019
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 08/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 005
Tank ID: 39365
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

**T143
NE
1/8-1/4
0.188 mi.
991 ft.**

**GRAND CONCOURSE REALTY CO
557 GRAND CONCOURSE
BRONX, NY**

**NY LTANKS S104782387
NY Spills N/A**

Site 3 of 10 in cluster T

**Relative:
Higher
Actual:
45 ft.**

LTANKS:
Spill Number/Closed Date: 0007591 / 2004-10-01
Facility ID: 0007591
Site ID: 108555
Spill Date: 2000-09-27
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2000-09-28
CID: 390
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-09-28
Spill Record Last Update: 2004-10-04
Spiller Name: BRUCE BECK
Spiller Company: WOLF PETROLEUM
Spiller Address: 557 GRAND CONCOURSE
Spiller County: 001
Spiller Contact: BRUCE BECK
Spiller Phone: (631) 226-9080

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE REALTY CO (Continued)

S104782387

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 95382
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 12/4/03 Reassigned from Sangesland to Foley. Wolf Petroleum site. 2/24/04 File review(KMF): 2/6/01 UST closure report submitted by National Environmental for 1 550gal waste oil UST. Minor SVOC and lead issues. During excavation, 2 endpoint samples showed slightly above STARS. 1 composite sidewall sample was higher in SVOCs. Subsequent borings show ND or under MDLs for VOC/SVOC when tested by TCLP. These borings were taken 8-10' below bottom of excavation. 10/1/04 NFA mailed."
Remarks: "tank was either overfilled or failed"

All Materials:

Site ID: 108555
Operable Unit ID: 828345
Operable Unit: 01
Material ID: 545125
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 0601001 / 2006-05-18
Facility ID: 0601001
Facility Type: ER
DER Facility ID: 95382
Site ID: 363138
DEC Region: 2
Spill Cause: Other
Spill Class: D4
SWIS: 0301
Spill Date: 2006-04-26
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 2006-04-26
CID: 444
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: 2006-04-26
Spill Record Last Update: 2006-05-18
Spiller Name: BRUCE BECK
Spiller Company: COMMERCIA PROPERTY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRAND CONCOURSE REALTY CO (Continued)

S104782387

Spiller Address: 557 GRAND CONCOURSE
 Spiller Company: 001
 Contact Name: BRUCE BECK
 DEC Memo: "4/28/06- DEC Piper spoke w. Bruce Beck of NAtional. aS per conversation he has completed a phase II on an E designated site. VOC asn ,metal contamination in GW. LEft message for Bruce requesting copy of report fro review. Afterwards a meeting can be held. 05/18/06 - Reviewed Site Investigation Report. NYCDEP is dealing with the contaminated soil under the Hazardous Materials E Designation provision. The highest TVOCs in GW is 1.5 ppm. NYCDEP has required vapor barrier and sub-slab venting system to be installed beneath the proposed new building. The residual GW contaminations do not pose any immediate risk to the environment and should biodegrade over time. This spill is inactivated. - KST"

Remarks: ""

All Materials:

Site ID: 363138
 Operable Unit ID: 1121198
 Operable Unit: 01
 Material ID: 2110691
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: Not reported
 Units: G
 Recovered: .00
 Oxygenate: Not reported

T144
 NE
 1/8-1/4
 0.188 mi.
 991 ft.

557 GRAND CONCOURSE
557 GRAND CONCOURSE
NEW YORK, NY 10451
Site 4 of 10 in cluster T

RCRA NonGen / NLR 1001090484
 FINDS NYU005000450
 ECHO

Relative:
 Higher
 Actual:
 45 ft.

RCRA NonGen / NLR:
 Date form received by agency:01/01/2007
 Facility name: 557 GRAND CONCOURSE
 Facility address: 557 GRAND CONCOURSE
 NEW YORK, NY 10451
 EPA ID: NYU005000450
 Mailing address: JERICHO TNPk
 JERICHO, NY 11753
 Contact: JOSE PEREZ
 Contact address: JERICHO TNPk
 JERICHO, NY 11753
 Contact country: US
 Contact telephone: 718-402-5605
 Contact email: Not reported
 EPA Region: 02
 Land type: Facility is not located on Indian land. Additional information is not known.
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
 Owner/operator name: BILL WOLF PETROLEUM CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

557 GRAND CONCOURSE (Continued)

1001090484

Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-997-9300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: STORAGE MAINTENANCE CORP
Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-997-9300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BILL WOLF PETROLEUM CORP
Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-997-9300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

557 GRAND CONCOURSE (Continued)

1001090484

Date form received by agency: 01/01/2006
Site name: 557 GRAND CONCOURSE
Classification: Not a generator, verified

Date form received by agency: 03/11/1996
Site name: 557 GRAND CONCOURSE
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/31/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110006450367

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001090484
Registry ID: 110006450367
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006450367>

U145
West
1/8-1/4
0.188 mi.
994 ft.

NYS ARMORY
2366 5TH AVE
NY, NY 10037
Site 1 of 6 in cluster U

PA MANIFEST **S123092678**
N/A

Relative:
Lower
Actual:
2 ft.

Manifest Details:
Year: 2017
Manifest Number: 015758844JJK
Manifest Type: TSD Copy
Generator EPA Id: NY0000452995
Generator Date: 04/18/2017
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

S123092678

TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D008
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 014999383JJK
Manifest Type: TSD Copy
Generator EPA Id: NY0000452995
Generator Date: 08/15/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 5
Container Type: Metal drums, barrels, kegs
Waste Quantity: 500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 015758844JJK
Manifest Type: TSD Copy
Generator EPA Id: NY0000452995
Generator Date: 04/18/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Republic Environmental Systems (Pennsylvania) LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

S123092678

TSD Facility Address: 2869 Sandstone Dr
TSD Facility City: Hatfield
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D008
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 300
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD085690592
Date TSP Sig: Not reported

U146
West
1/8-1/4
0.188 mi.
994 ft.

NYS ARMORY
5TH AVE
NEW YORK, NY 10037
Site 2 of 6 in cluster U

RCRA-SQG **1004755825**
NY UST **NY0000452995**
NY AST
NY MANIFEST
NJ MANIFEST

Relative:
Lower
Actual:
2 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: NYS ARMORY
Facility address: 5TH AVE
NEW YORK, NY 10037-1028
EPA ID: NY0000452995
Mailing address: OLD NISKAYUNA RD
NYS DIV OF MILITARY & NAVAL AF
LATHAM, NY 12110-2224
Contact: HEIDI M GABEL
Contact address: OLD NISKAYUNA RD
LATHAM, NY 12110-2224
Contact country: US
Contact telephone: 518-786-4347
Contact email: HEIDI.GABEL@NY.NGB.ARMY.MIL
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: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Owner/operator name: NYS DIV MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
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
Site name: NYS ARMORY
Classification: Large Quantity Generator

Date form received by agency: 01/29/2004
Site name: NYS ARMORY
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 11/20/1995
Site name: NYS DIV MILITARY NAVAL AFFAIRS
Classification: Conditionally Exempt Small Quantity Generator

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

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

UST:

Id/Status: 2-392065 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589878.80249
UTM Y: 4519000.02424
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 18894
Affiliation Type: Facility Owner
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: Not reported
Address1: 330 OLD NISKAYUNA RD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Mail Contact
Company Name: NYS DIVISION MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: HEIDI UNWIN
Address1: 330 OLD NISKAYUNA ROAD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4347
EMail: HEIDI.M.UNWININTG@MAIL.MIL
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Facility Operator
Company Name: NEW YORK STATE ARMORY
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (518) 786-4552

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Emergency Contact
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Tank Info:

Tank Number: 003
Tank ID: 9308
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 500
Install Date: Not reported
Date Tank Closed: 10/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Tank ID: 42684
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 500
Install Date: Not reported
Date Tank Closed: 10/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

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

Tank Number: 005
Tank ID: 42685
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 500
Install Date: Not reported
Date Tank Closed: 10/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-392065
Program Type: PBS
UTM X: 589878.80249
UTM Y: 4519000.02424
Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 18894
Affiliation Type: Facility Owner
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: Not reported
Address1: 330 OLD NISKAYUNA RD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Mail Contact
Company Name: NYS DIVISION MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: HEIDI UNWIN
Address1: 330 OLD NISKAYUNA ROAD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4347
EMail: HEIDI.M.UNWININTG@MAIL.MIL
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Facility Operator
Company Name: NEW YORK STATE ARMORY
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Emergency Contact
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Tank Info:

Tank Number: 001
Tank Id: 9306
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/03/1969
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Next Test Date: Not reported
Date Tank Closed: 04/13/2015
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 9307
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/03/1969
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/13/2015
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

NY MANIFEST:

Country: USA
EPA ID: NY0000452995
Facility Status: Not reported
Location Address 1: 2366 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NY0000452995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Mailing Name: NYS DIV MILITARY NAVAL AFFAIRS
Mailing Contact: JOHN L MARSHALL
Mailing Address 1: 2366 5TH AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122349290

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2017
Trans1 State ID: NYR000134940
Trans2 State ID: PAD982661381
Generator Ship Date: 08/15/2017
Trans1 Recv Date: 08/15/2017
Trans2 Recv Date: 08/17/2017
TSD Site Recv Date: 08/25/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: PAD085690592
TSD ID 2: Not reported
Manifest Tracking Number: 014999383JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 5
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id: NY0000452995
Mail Address: 2366 5TH AVENUE
Mail City/State/Zip: NEW YORK 10037
Facility Phone: 9177164367
Emergency Phone: Not reported
Contact: MARY BETH GANNON
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5258792
EPA ID: NY0000452995
Date Shipped: 07/19/2005
TSDf EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/19/2005
Date Trans2 Transported Waste: 07/25/2005
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: 07/28/2005
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 09020525
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: NJA5009683
EPA ID: NY0000452995
Date Shipped: 03/25/2004
TSDF EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/25/2004
Date Trans2 Transported Waste: 03/29/2004
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: 03/31/2004
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: 04280422
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: NJA5047485
EPA ID: NY0000452995
Date Shipped: 01/12/2004
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD982661381
Transporter 2 EPA ID: PAD085690592

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/12/2004
Date Trans2 Transported Waste: 01/12/2004
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: 01/12/2004
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: 04060422
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: 006450402JJK
EPA ID: NY0000452995
Date Shipped: 05/04/2010
TSDF EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/04/2010
Date Trans2 Transported Waste: 05/06/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 05/12/2010
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: Not reported
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 60 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H061
Quantity: 150 P

Manifest Year: Not reported
Waste Code: F005
Hand Code: H061
Quantity: 350 P

Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 10 P

Manifest Number: NJA5047486
EPA ID: NY0000452995
Date Shipped: 01/09/2004
TSDf EPA ID: NJD991291105
Transporter EPA ID: PAD982661381
Transporter 2 EPA ID: PAD085690592
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/09/2004
Date Trans2 Transported Waste: 01/09/2004
Date Trans3 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 01/09/2004
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: 03120422
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: NJA5047484
EPA ID: NY0000452995
Date Shipped: 01/14/2004
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD982661381
Transporter 2 EPA ID: PAD085690592
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/14/2004
Date Trans2 Transported Waste: 01/14/2004
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: 01/14/2004
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04060422
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: 006450403JJK
EPA ID: NY0000452995
Date Shipped: 05/04/2010
TSDf EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/04/2010
Date Trans2 Transported Waste: 05/06/2010
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: 05/12/2010
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: Not reported
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 10 P

Manifest Year: Not reported
Waste Code: D007
Hand Code: H111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Quantity: 5 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 120 P

Manifest Number: 000308074.JJK
EPA ID: NY0000452995
Date Shipped: 05/04/2010
TSDf EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/04/2010
Date Trans2 Transported Waste: 05/06/2010
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: 05/12/2010
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: Not reported
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 40 P

Manifest Number: NJA5047487
EPA ID: NY0000452995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Date Shipped: 01/13/2004
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD982661381
Transporter 2 EPA ID: PAD085690592
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/13/2004
Date Trans2 Transported Waste: 01/13/2004
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: 01/13/2004
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: 03220425
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: 006450387JJK
EPA ID: NY0000452995
Date Shipped: 05/20/2010
TSDF EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 05/20/2010
Date Trans2 Transported Waste: 05/24/2010
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 06/01/2010
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: Not reported
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 10 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H061
Quantity: 400 P

Manifest Number: NJA5047515
EPA ID: NY0000452995
Date Shipped: 01/15/2004
TSDF EPA ID: NJD991291105
Transporter EPA ID: PAD982661381
Transporter 2 EPA ID: PAD085690592
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 01/15/2004
Date Trans2 Transported Waste: 01/15/2004
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

NYS ARMORY (Continued)

1004755825

Date Trans10 Transported Waste: Not reported
 Date TSDf Received Waste: 01/15/2004
 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: 04060422
 Was Load Rejected: NEW YORK 10037
 Reason Load Was Rejected: Not reported

U147
West
1/8-1/4
0.188 mi.
994 ft.

NEW YORK STATE ARMORY
2366 5TH AVE
NEW YORK, NY 10037
Site 3 of 6 in cluster U

RCRA-SQG 1016455625
FINDS NYR000207282
ECHO
NY MANIFEST

Relative:
Lower
Actual:
2 ft.

RCRA-SQG:
 Date form received by agency: 02/10/2014
 Facility name: NEW YORK STATE ARMORY
 Facility address: 2366 5TH AVE
 NEW YORK, NY 10037
 EPA ID: NYR000207282
 Mailing address: 5TH AVE
 NEW YORK, NY 10037
 Contact: VAL ANTONUCCI
 Contact address: 5TH AVE
 NEW YORK, NY 10037
 Contact country: US
 Contact telephone: 516-680-6133
 Contact email: VAL.ANTONUCCI@OGS.NY.GOV
 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: STATE ARMORY
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/20/1920
Owner/Op end date: Not reported

Owner/operator name: STATE ARMORY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/20/1920
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

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110058881250

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

ECHO:

Envid: 1016455625
Registry ID: 110058881250
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110058881250>

NY MANIFEST:

Country: USA
EPA ID: NYR000207282
Facility Status: Not reported
Location Address 1: 2366 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000207282
Mailing Name: NEW YORK STATE ARMORY
Mailing Contact: NEW YORK STATE ARMORY
Mailing Address 1: 2366 5TH AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2013623425

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 04/12/2016
Trans1 Recv Date: 04/12/2016
Trans2 Recv Date: 04/19/2016
TSD Site Recv Date: 04/20/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000207282
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD049836679
TSDF ID 2: Not reported
Manifest Tracking Number: 002921863GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 90
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: B007
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

148
SSE
1/8-1/4
0.189 mi.
1000 ft.

**PEGUERO BROTHERS REPAIR SHOP
338 GRAND CONCOURSE
BRONX, NY 10451**

**NY AST A100304677
N/A**

**Relative:
Higher
Actual:
31 ft.**

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610573
Program Type: PBS
UTM X: 590350.40708
UTM Y: 4518766.66374
Expiration Date: 05/18/2012
Site Type: Other

Affiliation Records:
Site Id: 381648
Affiliation Type: Facility Owner
Company Name: SOCRATES PEGUERO
Contact Type: Not reported
Contact Name: Not reported
Address1: 2625 3RD AVE.
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 665-9278

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEGUERO BROTHERS REPAIR SHOP (Continued)

A100304677

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-05-18

Site Id: 381648
Affiliation Type: Mail Contact
Company Name: PEGUERO BROTHERS REPAIR SHOP
Contact Type: Not reported
Contact Name: LYSNETTE PEGUERO
Address1: 340 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 665-7151
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-05-18

Site Id: 381648
Affiliation Type: Facility Operator
Company Name: PEQUERO BROTHERS REPAIR SHOP
Contact Type: Not reported
Contact Name: LYSNETTE PEGUERO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 665-7151
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-05-18

Site Id: 381648
Affiliation Type: Emergency Contact
Company Name: SOCRATES PEGUERO
Contact Type: Not reported
Contact Name: SOCRATES PEGUERO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 514-1628
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-05-18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEGUERO BROTHERS REPAIR SHOP (Continued)

A100304677

Tank Info:

Tank Number: 060613
Tank Id: 217281
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

K01 - Spill Prevention - Catch Basin
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
D11 - Pipe Type - Flexible Piping

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron

Tank Status: In Service

Pipe Model: Not reported

Install Date: 08/01/1999

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: 04/14/2017

Material Name: waste oil/used oil

U149
West
1/8-1/4
0.192 mi.
1016 ft.

CON EDISON
W 142ND ST & 5TH AVE
NEW YORK, NY 10037

RCRA NonGen / NLR **1014396526**
NYP004188389

Site 4 of 6 in cluster U

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 06/01/2016

Actual:
3 ft.

Facility name: CON EDISON
Facility address: W 142ND ST & 5TH AVE
NEW YORK, NY 10037

EPA ID: NYP004188389
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: DENNIS MICHAELIDES

Contact address: Not reported

Contact address: Not reported

Contact country: US

Contact telephone: 718-204-4297

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396526

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: 07/29/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

U150
West
1/8-1/4
0.192 mi.
1016 ft.

CON EDISON
W 142ND ST & 5TH AVE
NEW YORK, NY 10037

RCRA NonGen / NLR **1014395957**
NYP004181376

Site 5 of 6 in cluster U

Relative:
Lower

RCRA NonGen / NLR:

Actual:
3 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: W 142ND ST & 5TH AVE
NEW YORK, NY 10037
EPA ID: NYP004181376
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014395957

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: 06/25/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

V151
NNE
1/8-1/4
0.195 mi.
1030 ft.

CON EDISON
GERARD AVE & E 150TH ST
BRONX, NY 10451

RCRA NonGen / NLR 1018280125
NYP004749867

Site 1 of 9 in cluster V

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 03/12/2015
Facility name: CON EDISON
Facility address: GERARD AVE & E 150TH ST
BRONX, NY 10451
EPA ID: NYP004749867
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018280125

Date form received by agency: 03/12/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

V152
NNE
1/8-1/4
0.195 mi.
1030 ft.

CON EDISON
GERARD AVE & E 150 ST
BRONX, NY 10461

NY MANIFEST S117317416
N/A

Site 2 of 9 in cluster V

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004648499
Facility Status: Not reported
Location Address 1: GERARD AVE & E 150 ST
Code: BP
Location Address 2: TM623
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004648499
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/04/2014
Trans1 Recv Date: 09/04/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004648499
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 013256402JJK
Import Indicator: N
Export Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117317416

Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 1500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

V153
 NNE
 1/8-1/4
 0.195 mi.
 1030 ft.

CON EDISON
GERARD AVE & E 150TH ST
BRONX, NY 10453

RCRA NonGen / NLR 1014398890
NJ MANIFEST NYP004212635
NY MANIFEST

Site 3 of 9 in cluster V

Relative:
Higher
Actual:
23 ft.

RCRA NonGen / NLR:
 Date form received by agency: 08/02/2010
 Facility name: CON EDISON
 Facility address: GERARD AVE & E 150TH ST
 BRONX, NY 10453
 EPA ID: NYP004212635
 Mailing address: 4 IRVING PL, RM 828
 NEW YORK, NY 10003
 Contact: DENNIS ROHRER
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: 914-925-6219
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014398890

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

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004749867
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002564940GBF
EPA ID: NYP004749867
Date Shipped: 3/12/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014398890

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

EPA Id: NYP004212635
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: DENNIS ROHRER
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001086061GBF
EPA ID: NYP004212635
Date Shipped: 08/03/2010
TSDf EPA ID: NJD002200046
Transporter EPA ID: NYD006982359
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/03/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014398890

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: 08/03/2010
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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 300 P

NY MANIFEST:

Country: USA
EPA ID: NYP004212635
Facility Status: Not reported
Location Address 1: 150 & GERRARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004212635
Mailing Name: CONSOLIDATED EDISON - TM 625
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014398890

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	08/03/2010
Trans1 Recv Date:	08/03/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/03/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004212635
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	001086061GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	Y
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 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

V154
NNE
1/8-1/4
0.195 mi.
1030 ft.

CON EDISON
GERARD AVE & E 150TH ST
BRONX, NY 10451

NY MANIFEST S117741742
N/A

Site 4 of 9 in cluster V

Relative:
Higher
Actual:
23 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004749867
Facility Status: Not reported
Location Address 1: C/O GERARD AVE & E 158 ST
Code: BP
Location Address 2: SB 4543
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004749867
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/12/2015
Trans1 Recv Date: 03/12/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/17/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004749867
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002564940GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741742

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

S155
SSW
1/8-1/4
0.196 mi.
1034 ft.

255 EXTERIOR STREET, LLC
255 EXTERIOR STREET
BRONX, NY 10451

NY UST **U004045301**
N/A

Site 2 of 2 in cluster S

Relative:
Higher
Actual:
9 ft.

UST:
Id/Status: 2-610014 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590121.28918
UTM Y: 4518639.51607
Site Type: Other

Affiliation Records:
Site Id: 351975
Affiliation Type: Facility Owner
Company Name: 255 EXTERIOR STREET, LLC
Contact Type: AGENT
Contact Name: ROMEO SANTOS
Address1: 26 WEST 17TH STREET, STE.801
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10011
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

Date Last Modified: 2005-08-31

Site Id: 351975
Affiliation Type: Mail Contact
Company Name: STORAGE DELUXE
Contact Type: Not reported
Contact Name: MR. MICHAEL JAYNE
Address1: 1880 BARTOW AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10469
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 351975
Affiliation Type: Facility Operator
Company Name: 255 EXTERIOR STREET, LLC
Contact Type: Not reported
Contact Name: MICHAEL JAYNE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 351975
Affiliation Type: Emergency Contact
Company Name: 255 EXTERIOR STREET, LLC
Contact Type: Not reported
Contact Name: MICHAEL JAYNE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Tank Info:

Tank Number: 01
Tank ID: 207900

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/15/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 02
Tank ID: 207901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/15/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

Tank Number: 03
Tank ID: 207902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/15/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

T156
NE
1/8-1/4
0.196 mi.
1037 ft.

ENGINE COMPANY 41
150 E. 150TH STREET
BRONX, NY 10451
Site 5 of 10 in cluster T

NY AST S107783576
N/A

Relative:
Higher
Actual:
44 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-604541
Program Type: PBS
UTM X: 590454.66455
UTM Y: 4519307.92443

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE COMPANY 41 (Continued)

S107783576

Expiration Date: N/A
Site Type: Other
Affiliation Records:
Site Id: 26413
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY FIRE DEPARTMENT
Contact Type: Not reported
Contact Name: Not reported
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6568
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26413
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY FIRE DEPARTMENT
Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26413
Affiliation Type: Facility Operator
Company Name: ENGINE COMPANY 41
Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 784-6500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26413
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY FIRE DEPARTMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE COMPANY 41 (Continued)

S107783576

Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 784-6500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 58143
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B99 - Tank External Protection - Other
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
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: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

T157
NE
1/8-1/4
0.197 mi.
1042 ft.

138 EAST 150TH STREET
138 EAST 150TH STREET
BRONX, NY

NY LTANKS **S102672286**
N/A

Site 6 of 10 in cluster T

Relative:
Higher
Actual:
38 ft.

LTANKS:

Spill Number/Closed Date: 9310947 / 1993-12-10
 Facility ID: 9310947
 Site ID: 284811
 Spill Date: 1993-12-09
 Spill Cause: Tank Overfill
 Spill Source: Private Dwelling
 Spill Class: C4
 Cleanup Ceased: 1993-12-10
 SWIS: 0301
 Investigator: CAMMISA
 Referred To: Not reported
 Reported to Dept: 1993-12-09
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1993-12-13
 Spill Record Last Update: 2004-09-30
 Spiller Name: Not reported
 Spiller Company: UNK
 Spiller Address: Not reported
 Spiller County: 999
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 230947
 DEC Memo: ""
 Remarks: "VENT ALARM BROKE - TANK WAS ALREADY PULL. SENDING SOMEONE THERE TO CHECK IT OUT. THEN WILL CLEAN UP, SPEEDY DRY - WILL BE USED - BAG IT & DISPOSE OF IT."

All Materials:

Site ID: 284811
 Operable Unit ID: 989612
 Operable Unit: 01
 Material ID: 390009
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 5.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

V158 **NYC DEPT OF SANITATION TTF**
NNE **545 GERARD AVE**
1/8-1/4 **BRONX, NY**
0.201 mi.
1062 ft. **Site 5 of 9 in cluster V**

NY LTANKS **S112148841**
 N/A

Relative:
Higher
Actual:
22 ft.

LTANKS:
 Spill Number/Closed Date: 1203859 / 2012-09-26
 Facility ID: 1203859
 Site ID: 466706
 Spill Date: 2012-07-19
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 SWIS: 0301
 Investigator: TJDEMEO
 Referred To: Not reported
 Reported to Dept: 2012-07-19
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2012-07-19
 Spill Record Last Update: 2012-09-26
 Spiller Name: PJ OCONNOR
 Spiller Company: NYC DEPT OF SANITATION
 Spiller Address: 545 GERARD AVE
 Spiller County: 999
 Spiller Contact: WINDMILL - ASK FOR JIM OR LEE
 Spiller Phone: 6313601664
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 421037
 DEC Memo:

"9/26/12 TJD File review. NYCDOS (Al Mignone) has provided required documentation in support of spill closure relating to reported tank test failure. System failed initial system test (Dry as a Bone) on 7/17/12 - reported as a dry leak. Tank alone was retested on 7/23/12 and passed. Failure determined to be associated with a failed vent pipe which was replaced 9/11/12 by Windmill Tank Service. Additionally threads on interstitial space access bung on tank top were also determined to be contributing to an air leak and were repaired by manufacturer (Highland Tank) on 9/11/12. Following repairs entire tank system was retested by AARCO on 9/13/12 and passed. No further action is required. Spill closed."

Remarks: "TTF 0 spilled"
 All Materials:
 Site ID: 466706
 Operable Unit ID: 1216689
 Operable Unit: 01
 Material ID: 2214904
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF SANITATION TTF (Continued)

S112148841

Quantity: .00
Units: G
Recovered: Not reported
Oxygenate: Not reported

V159
NNE
1/8-1/4
0.201 mi.
1062 ft.

**NYCDOS TANK TEST FAILURE
545 GERARD AVE / 125 EAST 149TH STREET
BRONX, NY**

NY LTANKS

**S112148870
N/A**

Site 6 of 9 in cluster V

**Relative:
Higher
Actual:
22 ft.**

LTANKS:

Spill Number/Closed Date: 1204620 / 2012-09-18
Facility ID: 1204620
Site ID: 467515
Spill Date: 2012-08-08
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2012-08-08
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2012-08-08
Spill Record Last Update: 2012-09-18
Spiller Name: TJ OCONNOR
Spiller Company: NYC SANITATION
Spiller Address: 545 GERARD AVE
Spiller County: 999
Spiller Contact: AL MIGNONE
Spiller Phone: (646) 235-3183
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 421896
DEC Memo:

"DEMEMEO needs to send a TTF letter to Sanitation) 8/9/12-Vought-Notes above by DEC Sangesland. Vought primary off-hours responder. Vought noted PBS #2-455660 for site also listed as 125 East 149th Street. As primary off-hours responder, Vought called TJ O'Connor (Dry As A Bone Ph:516-678-5115) to see if failure was wet or dry leak and left message on voicemail to return call as soon as possible. Vought called Al Mignone (Ph:646-235-3183) for more information and left message to return call. Vought called PBS contact: NYC Dept. of Sanitation 125 Worth Street Room 823B New York, NY 10013 Attn: M. Bonacorsa Ph:(646)885-4874 Fax:(212)442-8624 or (212)442-8625 Bonacorsa retired from NYCDOS as per receptionist and letter should be sent to Mr. Chingas. Vought sent out TTF letter to above address and faxed letter as well. Vought sent out letter to NYCDOS Chingas and added copy to e-docs and left Demeo copy as well. 9/18/12 TJD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOS TANK TEST FAILURE (Continued)

S112148870

File review. NYSDOS (Al Mignone) has provided copies of initial failing tank test report performed on 8/8/12 (Dry as a Bone) and a subsequent passing tank test report performed on 8/13/12 (AARCO). Initial failed test was reported as a dry leak. NYCDOS reports no repairs were made to system and was retested by another contractor and passed. Testing reports and e-mail correspondence have been uploaded to E-DOCS. No further action is required. "

Remarks:

""

All Materials:

Site ID: 467515
Operable Unit ID: 1217464
Operable Unit: 01
Material ID: 2215750
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: Not reported
Oxygenate: Not reported

W160 CON EDISON
West 2 W 142ND ST
1/8-1/4 NEW YORK, NY 10030
0.205 mi.
1084 ft. Site 1 of 19 in cluster W

NY MANIFEST S120957796
N/A

Relative:
Lower
Actual:
4 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004739249
Facility Status: Not reported
Location Address 1: 2 W 142 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10030
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004739249
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120957796

Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/26/2015
Trans1 Recv Date: 02/26/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/27/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004739249
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014088559JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 8000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Country: USA
EPA ID: NYP004829606
Facility Status: Not reported
Location Address 1: 2 W 142ND ST
Code: BP
Location Address 2: V 5745
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120957796

Location Zip:	Not reported
Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYP004829606
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770
NY MANIFEST:	
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	08/25/2015
Trans1 Recv Date:	08/25/2015
Trans2 Recv Date:	08/27/2015
TSD Site Recv Date:	08/27/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004829606
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002612913GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120957796

Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W161
West
1/8-1/4
0.205 mi.
1084 ft.

CON EDISON
2 W 142ND ST
NEW YORK, NY 10030

RCRA NonGen / NLR **1018279125**
FINDS **NYP004739249**
ECHO

Site 2 of 19 in cluster W

Relative:
Lower

RCRA NonGen / NLR:

Actual:
4 ft.

Date form received by agency: 02/05/2016
Facility name: CON EDISON
Site name: CON EDISON - VAULT 5745
Facility address: 2 W 142 ST
NEW YORK, NY 10030
EPA ID: NYP004739249
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/26/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018279125

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/26/2015
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

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 02/26/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 02/26/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 8000

Violation Status: No violations found

FINDS:

Registry ID: 110067686141

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018279125

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018279125
Registry ID: 110067686141
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067686141>

W162
West
1/8-1/4
0.205 mi.
1084 ft.

CON EDISON
2 W 142 ST
NEW YORK, NY 10030
Site 3 of 19 in cluster W

NJ MANIFEST **S120667963**
N/A

Relative:
Lower
Actual:
4 ft.

NJ MANIFEST:
EPA Id: NYP004739249
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 014088559JJK
EPA ID: NYP004739249
Date Shipped: 2/26/2015
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S120667963

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: 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: Not reported
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

W163
West
1/8-1/4
0.205 mi.
1084 ft.

NYSDOT BIN 1077020
W 142ND ST PEDESTRIAN BRIDGE
NEW YORK, NY 10037

RCRA-LQG 1007371334
NJ MANIFEST NYR000123935
NY MANIFEST

Site 4 of 19 in cluster W

Relative:
Lower

RCRA-LQG:

Actual:
4 ft.

Date form received by agency: 10/05/2010
 Facility name: NYSDOT BIN 1077020
 Facility address: W 142ND ST PEDESTRIAN BRIDGE
 OVER HARLEM RIVER DR RTE 907P
 NEW YORK, NY 10037
 EPA ID: NYR000123935
 Mailing address: 21ST ST
 DOT REGION 11 CONSTR OFFICE
 LONG ISLAND CITY, NY 11101
 Contact: CARL R KOCHERSBERGER
 Contact address: WOLF RD - ENV ANALYSIS NYSDOT HAZ WASTE SEC POD 4-1
 ALBANY, NY 12232
 Contact country: US
 Contact telephone: 518-457-0103
 Contact email: CKOCHERSBERGER@DOT.STATE.NY.US
 EPA Region: 02
 Classification: Large Quantity Generator
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

hazardous waste during any calendar month, and accumulates more than 100 kg of that material 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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 03/18/2004
Owner/Op end date: Not reported

Owner/operator name: STATE OF NY C/O NYSDOT COMMISSIONER
Owner/operator address: WOLF RD
ALBANY, NY 12232
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1967
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/18/2004
Owner/Op end date: Not reported

Owner/operator name: OFFICE OF CONSTRUCTION NYSDOT REGION 11
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 04/01/1967
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

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

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 01/01/2007
Site name: NYSDOT BRIDGE BIN 1077020
Classification: Large Quantity Generator

Date form received by agency: 01/01/2006
Site name: NYSDOT BRIDGE BIN 1077020
Classification: Not a generator, verified

Date form received by agency: 04/15/2004
Site name: NYSDOT BRIDGE BIN 1077020
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYR000123935
Mail Address: 25-26 50TH ST
Mail City/State/Zip: WOODSIDE 11377
Facility Phone: 7182046037
Emergency Phone: Not reported
Contact: GARY SWITZOR
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

Manifest Number: NJA5345461
EPA ID: NYR000123935
Date Shipped: 08/11/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NYD046765574
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/11/2006
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
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/14/2006
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: 10060621
Was Load Rejected: WOODSIDE 11377
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYR000123935
Facility Status: Not reported
Location Address 1: PED BRG #16 @ W 142ND ST/HRD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

EPAID: NYR000123935
Mailing Name: NYSDOT
Mailing Contact: N/S
Mailing Address 1: 25-26 50TH ST STE 206
Mailing Address 2: Not reported
Mailing City: WOODSIDE
Mailing State: NY
Mailing Zip: 11377
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7182046037

NY MANIFEST:

Document ID: NJA5345461
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 08/11/2006
Trans1 Recv Date: 08/11/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/14/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000123935
Trans1 EPA ID: S8424
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

**164
ESE
1/8-1/4
0.210 mi.
1110 ft.**

**CON EDISON SERVICE BOX: 6875
E 144TH ST & PARK AVE
BRONX, NY 10462**

**RCRA NonGen / NLR 1016972453
NY MANIFEST NYP004462289**

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
19 ft.**

Date form received by agency: 04/10/2014
Facility name: CON EDISON SERVICE BOX: 6875
Facility address: E 144TH ST & PARK AVE
BRONX, NY 10462
EPA ID: NYP004462289
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/10/2014
Site name: CON EDISON SERVICE BOX: 6875
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004462289
Facility Status: Not reported
Location Address 1: E 144 ST AND PARK AVE
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6875 (Continued)

1016972453

Location Address 2: SB 6875
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004462289
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/10/2014
Trans1 Recv Date: 03/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/12/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004462289
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012771161JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6875 (Continued)

1016972453

Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W165
West
1/8-1/4
0.211 mi.
1114 ft.

VAN GOGH CLEANERS
2350 FIFTH AVE
NEW YORK, NY 10014
Site 5 of 19 in cluster W

RCRA NonGen / NLR **1000116068**
NY MANIFEST **NYD981081649**

Relative:
Lower

RCRA NonGen / NLR:

Actual:
5 ft.

Date form received by agency: 01/01/2007
Facility name: VAN GOGH CLEANERS
Facility address: 2350 FIFTH AVE
NEW YORK, NY 10014
EPA ID: NYD981081649
Mailing address: FIFTH AVE
NEW YORK, NY 10037
Contact: Not reported
Contact address: FIFTH AVE
NEW YORK, NY 10037
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: Non-Generator
Description: Handler: Non-Generators do not presently generate 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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN GOGH CLEANERS (Continued)

1000116068

NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
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
Site name: VAN GOGH CLEANERS
Classification: Not a generator, verified

Date form received by agency: 08/11/1997
Site name: VAN GOGH CLEANERS
Classification: Not a generator, verified

Date form received by agency: 05/06/1985
Site name: VAN GOGH CLEANERS
Classification: Large Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN GOGH CLEANERS (Continued)

1000116068

Date achieved compliance: 08/13/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/21/1989
Date achieved compliance: 09/21/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/13/1990
Evaluation lead agency: State

Evaluation date: 09/21/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 09/21/1989
Evaluation lead agency: State

NY MANIFEST:

Country: USA
EPA ID: NYD071026173
Facility Status: Not reported
Location Address 1: 2350 FIFTH AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD071026173
Mailing Name: 2350 FIFTH AVENUE
Mailing Contact: 2350 FIFTH AVENUE CORPORATION
Mailing Address 1: 2350 FIFTH AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN GOGH CLEANERS (Continued)

1000116068

Mailing State: NY
Mailing Zip: 10037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124235500

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NYR000081661
Trans2 State ID: NYD080631369
Generator Ship Date: 05/26/2016
Trans1 Recv Date: 05/26/2016
Trans2 Recv Date: 05/27/2016
TSD Site Recv Date: 06/03/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD071026173
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD980536593
TSD ID 2: Not reported
Manifest Tracking Number: 000097351JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4400
Units: P - Pounds
Number of Containers: 11
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: F002
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN GOGH CLEANERS (Continued)

1000116068

EPA ID: NYD981081649
Facility Status: Not reported
Location Address 1: 2350 FIFTH AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD981081649
Mailing Name: VAN GOGH CLEANERS
Mailing Contact: VAN GOGH CLEANERS
Mailing Address 1: 2350 FIFTH AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10037
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2128625515

NY MANIFEST:

Document ID: NYC6217446
Manifest Status: Not reported
seq: 01
Year: 2000
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 08/24/2000
Trans1 Recv Date: 08/24/2000
Trans2 Recv Date: 08/31/2000
TSD Site Recv Date: 09/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981081649
Trans1 EPA ID: SCR000075150
Trans2 EPA ID: SCR000074591
TSD ID 1: OHD980587364
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN GOGH CLEANERS (Continued)

1000116068

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01120
Units: P - Pounds
Number of Containers: 008
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W166
West
1/8-1/4
0.211 mi.
1114 ft.

VAN GOGH/BUDGEWOOD CLEANERS
2350 FIFTH AVENUE
NEW YORK, NY 10037

NY DRYCLEANERS **S110248235**
N/A

Site 6 of 19 in cluster W

Relative:
Lower
Actual:
5 ft.

DRYCLEANERS:
Facility ID: 2-6203-00165
Phone Number: 212-690-0010
Region: Not reported
Registration Effective Date: N/A
Inspection Date: 03OCT20
Install Date: Not reported
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

W167
West
1/8-1/4
0.211 mi.
1114 ft.

2350 FIFTH AVENUE CORP.
2350 FIFTH AVENUE
NEW YORK, NY 10037

NY UST **U000413895**
N/A

Site 7 of 19 in cluster W

Relative:
Lower
Actual:
5 ft.

UST:
Id/Status: 2-600447 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589860.26489
UTM Y: 4518963.71623
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 22428
Affiliation Type: Facility Owner
Company Name: 2350 FIFTH AVE CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 309 E. 94TH STREET, GROUND FLOOR
Address2: Not reported
City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP. (Continued)

U000413895

State: NY
Zip Code: 10128
Country Code: 001
Phone: (212) 234-5000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-26

Site Id: 22428
Affiliation Type: Mail Contact
Company Name: 2350 FIFTH AVENUE CORP.
Contact Type: Not reported
Contact Name: JOSEPH KARTEN
Address1: 309 EAST 94TH STREET
Address2: GROUND FLOOR
City: NEW YORK
State: NY
Zip Code: 10128
Country Code: 001
Phone: (212) 234-5000
EMail: ICRCJK@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-26

Site Id: 22428
Affiliation Type: Facility Operator
Company Name: 2350 FIFTH AVENUE CORP.
Contact Type: Not reported
Contact Name: NA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 234-5000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-26

Site Id: 22428
Affiliation Type: Emergency Contact
Company Name: 2350 FIFTH AVE CORP
Contact Type: Not reported
Contact Name: NA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: NA
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP. (Continued)

U000413895

Modified By: NRLOMBAR
Date Last Modified: 2014-08-26

Tank Info:

Tank Number: 001
Tank ID: 42763
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 01/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 42764
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 20000
Install Date: Not reported
Date Tank Closed: 05/13/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2350 FIFTH AVENUE CORP. (Continued)

U000413895

Equipment Records:

- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- C03 - Pipe Location - Aboveground/Underground Combination
- G00 - Tank Secondary Containment - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- E00 - Piping Secondary Containment - None
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- L00 - Piping Leak Detection - None
- J00 - Dispenser - None

W168
West
1/8-1/4
0.211 mi.
1114 ft.

2350 FIFTH AVENUE
2350 FIFTH AVENUE
NEW YORK, NY 10037

NY VCP **S113922113**
N/A

Site 8 of 19 in cluster W

Relative:
Lower
Actual:
5 ft.

VCP:
 Program Type: VCP
 Site Code: 57692
 HW Code: V00256
 Site Class: N
 SWIS: 3101
 Region: 2
 Town: New York City
 Acres: 1.7
 Date Record Added: 11/30/2000
 Date Record Updated: 08/03/2001
 Updated By: REEVANS
 Site Description: See site no. 231004.
 Env Problem: Not reported
 Health Problem: Not reported
 Dump: Not reported
 Structure: Not reported
 Lagoon: Not reported
 Landfill: Not reported
 Pond: Not reported
 Disp Start: Not reported
 Disp Term: Not reported
 Lat/Long: Not reported
 Dell: Not reported
 Record Add: Not reported
 Record Upd: Not reported
 Updated By: Not reported
 Own Op: Owner
 Sub Type: ZZZ
 Owner Name: Not reported
 Owner Company: 2350 FIFTH AVENUE CORPORATION
 Owner Address: 2350 FIFTH AVE.
 Owner Addr2: Not reported
 Owner City,St,Zip: NEW YORK, NY 10017
 Owner Country: United States of America
 Own Op: Applicant/Requestor
 Sub Type: ZZZ
 Owner Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE (Continued)

S113922113

Owner Company: 2350 Fifth Avenue Corp.
Owner Address: 2350 FIFTH AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10037
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

W169 2350 FIFTH AVENUE CORP
West 2350 5TH AVE
1/8-1/4 NEW YORK, NY 10037
0.211 mi.
1114 ft. Site 9 of 19 in cluster W

RCRA-CESQG 1000108749
NY SHWS NYD071026173
NY ENG CONTROLS
NY INST CONTROL
FINDS
ECHO
NY VAPOR REOPENED

Relative:
Lower

Actual:
5 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: 2350 FIFTH AVENUE CORP
Facility address: 2350 5TH AVE
NEW YORK, NY 10037-1101
EPA ID: NYD071026173
Mailing address: 5TH AVE
NEW YORK, NY 10037
Contact: Not reported
Contact address: 5TH AVE
NEW YORK, NY 10037
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: 212-234-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: 212-234-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Site name: 2350 FIFTH AVENUE CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: 2350 FIFTH AVENUE CORP
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 04/24/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Site name: 2350 FIFTH AVE CORP
Classification: Large Quantity Generator

Date form received by agency: 06/06/1997
Site name: 2350 FIFTH AVENUE CORP
Classification: Large Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/03/1989
Date achieved compliance: 08/03/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/05/1988
Date achieved compliance: 01/05/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/05/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/26/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/03/1989
Evaluation lead agency: State

Evaluation date: 01/05/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 01/05/1988
Evaluation lead agency: State

SHWS:

Program: HW
Site Code: 57691
Classification: Site is properly closed - requires continued management.
Region: 2
Acres: 1.543
HW Code: 231004
Record Add: 11/18/1999
Record Upd: 05/23/2018
Updated By: JHOCONNE

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

ENG CONTROLS:

Site Code: 57691
HW Code: 231004
Control Code: 15
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 06/25/2018
Updated By: YYWONG
Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem:

Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: ldennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Streeet
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
HW Code: 231004
Control Code: 13
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 06/25/2018
Updated By: YYWONG

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: ldennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
HW Code: 231004
Control Code: 35
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 06/25/2018
Updated By: YYWONG

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
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Record Updated: 2010-12-01 14:42:00
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Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

INST CONTROL:

Site Code: 57691
Control Name: O&M Plan
HW Code: 231004
Control Code: 33
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG

2350 FIFTH AVENUE CORP (Continued)

1000108749

Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: Monitoring Plan
HW Code: 231004
Control Code: 31
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Streeet
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: Site Management Plan
HW Code: 231004
Control Code: 32
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
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Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

Site Code: 57691
Control Name: Landuse Restriction
HW Code: 231004
Control Code: 25
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: Soil Management Plan
HW Code: 231004
Control Code: 14
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: Ground Water Use Restriction
HW Code: 231004
Control Code: 08
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is

2350 FIFTH AVENUE CORP (Continued)

1000108749

comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: Environmental Easement
HW Code: 231004
Control Code: J
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

Site Code: 57691
Control Name: IC/EC Plan
HW Code: 231004
Control Code: 34
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 06/25/2018
Updated By: YYWONG
Site Code: 57691

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-20 11:18:00
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2014-12-26 15:22:00
Record Updated: 2014-12-26 15:22:00
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2014-09-19 10:15:00
Record Updated: 2014-09-19 10:15:00
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:39:00
Record Updated: 2010-12-01 14:40:00
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:43:00
Record Updated: 2010-12-01 14:43:00
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2010-12-01 14:42:00
Record Updated: 2010-12-01 14:42:00
Updated By: YYWONG

FINDS:

Registry ID: 110000808074

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000108749
 Registry ID: 110000808074
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000808074>

VAPOR REOPENED:

Site Code: 231004
 Facility Status: Complete (Mitigate)

W170
West
1/8-1/4
0.211 mi.
1114 ft.

KAL CORP
2350 FIFTH AVE
NEW YORK, NY 10037
Site 10 of 19 in cluster W

NJ MANIFEST S109533688
N/A

Relative:
Lower
Actual:
5 ft.

NJ MANIFEST:
 EPA Id: NYD071026173
 Mail Address: Not reported
 Mail City/State/Zip: Not reported
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: Not reported
 Comments: Not reported
 SIC Code: Not reported
 County: 00
 Municipal: 00
 Previous EPA Id: Not reported
 Gen Flag: X
 Trans Flag: Not reported
 TSD Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Manifest:
 Manifest Number: 003536584JJK
 EPA ID: NYD071026173
 Date Shipped: 09/16/2008
 TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAL CORP (Continued)

S109533688

Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/16/2008
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: 09/16/2008
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: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F003
Hand Code: H141
Quantity: 110 G

Manifest Number: 010654507JJK
EPA ID: NYD071026173
Date Shipped: 9/23/2015
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYR000081661
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAL CORP (Continued)

S109533688

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 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: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Manifest Number: 000958811GBF
EPA ID: NYD071026173
Date Shipped: 08/07/2009
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/07/2009
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: 08/07/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAL CORP (Continued)

S109533688

Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 110 G

Manifest Number: 003536717JJK
EPA ID: NYD071026173
Date Shipped: 11/13/2008
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/13/2008
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: 11/13/2008
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: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: F002
Hand Code: H141
Quantity: 300 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U171
WNW
1/8-1/4
0.214 mi.
1131 ft.

CONSOLIDATED EDISON OF NY
17 WEST 143 STREET
NEW YORK, NY 10037

NY MANIFEST S112140613
N/A

Site 6 of 6 in cluster U

Relative:
Lower
Actual:
4 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004253845
Facility Status: Not reported
Location Address 1: 17 WEST 143 STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004253845
Mailing Name: CONSOLIDATED EDISON OF NY
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE FLOOR 15
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/24/2012
Trans1 Recv Date: 05/24/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/24/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004253845
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 009204668JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON OF NY (Continued)

S112140613

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 5000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

X172
North
1/8-1/4
0.214 mi.
1131 ft.

CON EDISON
E 150 ST & EXTERIOR ST
BRONX, NY 10459

RCRA NonGen / NLR 1010327498
NY MANIFEST NYP004146965

Site 1 of 3 in cluster X

Relative:
Lower
Actual:
5 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/11/2007
Facility name: CON EDISON
Facility address: E 150 ST & EXTERIOR ST
BRONX, NY 10459
EPA ID: NYP004146965
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1010327498

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: 01/10/2007
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 01/09/2007
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004146965
Facility Status: Not reported
Location Address 1: E 150TH ST & EXTERIOR ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004146965
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

[Click this hyperlink](#) while viewing on your computer to access
-1 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

X173
North
1/8-1/4
0.214 mi.
1131 ft.

BRONX TERMINAL MARKET WATERFRONT PARK
EXTERIOR STREET & EAST 150TH STREET
BRONX, NY 10451

NY UST **U004079927**
N/A

Site 2 of 3 in cluster X

Relative:
Lower
Actual:
5 ft.

UST:
Id/Status: 2-610368 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590174.38013
UTM Y: 4519383.81013
Site Type: Other

Affiliation Records:

Site Id: 371749
Affiliation Type: Facility Owner
Company Name: NYC PARKS & RECREATION
Contact Type: CHIEF ENGINEER
Contact Name: JOHN NATOLI
Address1: OLMSTED CENTER, FLUSHING MEADOWS-CORONA PARK
Address2: Not reported
City: FLUSHING
State: NY
Zip Code: 11368
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-11-28

Site Id: 371749
Affiliation Type: Mail Contact
Company Name: LANGAN ENGINEERING & ENVIRONMENTAL SERVICES
Contact Type: Not reported
Contact Name: JOEL LANDES
Address1: 21 PENN PLAZA, 360 WEST 31ST STREET
Address2: 8TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10001
Country Code: 001
Phone: (212) 479-5400
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Site Id: 371749
Affiliation Type: Facility Operator
Company Name: BONX TERMINAL MARKET WATERFRONT PARK
Contact Type: Not reported
Contact Name: NYC PARK & RECREATION
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

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

Zip Code: Not reported
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Site Id: 371749
Affiliation Type: Emergency Contact
Company Name: NYC PARKS & RECREATION
Contact Type: Not reported
Contact Name: JOHN NATOLI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Tank Info:

Tank Number: 001
Tank ID: 213966
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 002
Tank ID: 213967
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 003
Tank ID: 213968
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 004
Tank ID: 213969
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

Tank ID: 213970
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F06 - Pipe External Protection - Wrapped
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 006
Tank ID: 215520
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: 02/09/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 007
Tank ID: 215521
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: 02/09/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 008
Tank ID: 215522
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: 02/09/2007
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 009
Tank ID: 215523
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: 02/09/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
F02 - Pipe External Protection - Original Sacrificial Anode
K00 - Spill Prevention - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
B02 - Tank External Protection - Original Sacrificial Anode

174
SE
1/8-1/4
0.217 mi.
1146 ft.

NYCDEP
141 & PARK AVE
BRONX, NY

NY MANIFEST 1009244182
N/A

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP010000057
Facility Status: Not reported
Location Address 1: 141 & PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP010000057
Mailing Name: NYCDEP
Mailing Contact: LIONEL MACKENZIE
Mailing Address 1: PROTECTION 1 CENTER STREET
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2126698930

NY MANIFEST:

Document ID: NYB2191554
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: PC4341NY
Trans2 State ID: Not reported
Generator Ship Date: 08/29/1990
Trans1 Recv Date: 08/29/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 08/29/1990
Part A Recv Date: 09/11/1990
Part B Recv Date: 09/25/1990
Generator EPA ID: NYP010000057
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID 1: NYD049178296
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYCDEP (Continued)

1009244182

Discr Type Indicator: Not reported
 Discr Residue Indicator: Not reported
 Discr Partial Reject Indicator: Not reported
 Discr Full Reject Indicator: Not reported
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: Not reported
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00200
 Units: P - Pounds
 Number of Containers: 003
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

W175
WSW
1/8-1/4
0.220 mi.
1161 ft.

CON EDISON SERVICE BOX 34275
W 141ST ST & 5TH AVE SE COR OF
NEW YORK, NY 10037

RCRA NonGen / NLR **1014918746**
NJ MANIFEST **NYP004223657**
NY MANIFEST

Site 11 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

RCRA NonGen / NLR:
 Date form received by agency: 02/10/2011
 Facility name: CON EDISON SERVICE BOX 34275
 Facility address: W 141ST ST & 5TH AVE SE COR OF
 NEW YORK, NY 10037
 EPA ID: NYP004223657
 Mailing address: IRVING PL RM 828
 NEW YORK, NY 10003
 Contact: MEGAN KUDLACK
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: 212-427-1277
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34275 (Continued)

1014918746

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: 01/11/2011
Site name: CON EDISON SERVICE BOX 34275
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004223657
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001057963GBF
EPA ID: NYP004223657
Date Shipped: 1/11/2011
TSD 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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
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

CON EDISON SERVICE BOX 34275 (Continued)

1014918746

Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2,000.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004223657
Facility Status: Not reported
Location Address 1: S/E/C. E 141 ST & 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004223657
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602757

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34275 (Continued)

1014918746

Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/11/2011
Trans1 Recv Date: 01/11/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/11/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004223657
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001057963GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 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

Y176
East
1/8-1/4
0.221 mi.
1165 ft.

CON EDISON
PARK AVE & E 146TH ST
BRONX, NY 10458

NY MANIFEST **S117063434**
N/A

Site 1 of 2 in cluster Y

Relative:
Higher
Actual:
19 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004558581
Facility Status: Not reported
Location Address 1: PARK AVE & E 146 ST
Code: BP
Location Address 2: SB 20730
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004558581
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/10/2014
Trans1 Recv Date: 06/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004558581
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002502262GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117063434

Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 1000
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 -1 additional NY MANIFEST: record(s) in the EDR Site Report.

Y177
East
1/8-1/4
0.221 mi.
1165 ft.

CON EDISON SERVICE BOX: 20730
PARK AVE & E 146TH ST
BRONX, NY 10458

RCRA NonGen / NLR **1017777949**
FINDS **NYP004558581**

Site 2 of 2 in cluster Y

Relative:
Higher
Actual:
19 ft.

RCRA NonGen / NLR:
 Date form received by agency: 07/10/2014
 Facility name: CON EDISON SERVICE BOX: 20730
 Facility address: PARK AVE & E 146TH ST
 BRONX, NY 10458
 EPA ID: NYP004558581
 Mailing address: IRVING PL, 15TH FL NE
 NEW YORK, NY 10003
 Contact: THOMAS TEELING
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: 212-460-3770
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 20730 (Continued)

1017777949

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: 06/10/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/10/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063826338

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

W178
WSW
1/8-1/4
0.222 mi.
1170 ft.

CON EDISON - SERVICE BOX 58572
W 141 ST AND 5TH AVE
NEW YORK, NY 10037

NJ MANIFEST S120665739
N/A

Site 12 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

NJ MANIFEST:
EPA Id: NYP004188363
Mail Address: 4 IRVING PLACE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: FRANKLYN MURRAY
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 58572 (Continued)

S120665739

Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 000961714GBF
EPA ID: NYP004188363
Date Shipped: 08/12/2009
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/12/2009
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: 08/12/2009
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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 13000 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W179
WSW
1/8-1/4
0.222 mi.
1170 ft.

CON EDISON - SERVICE BOX 58572
W 141 ST AND 5TH AVE
NEW YORK, NY 10037

RCRA-LQG **1014396524**
NYP004188363

Site 13 of 19 in cluster W

Relative:
Lower

RCRA-LQG:

Actual:
6 ft.

Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 58572
Facility address: W 141 ST AND 5TH AVE
NEW YORK, NY 10037
EPA ID: NYP004188363
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/29/2009
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 58572 (Continued)

1014396524

Owner/Op start date: 07/29/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 07/29/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

**T180
NE
1/8-1/4
0.223 mi.
1178 ft.**

**CON EDISON
161 E 150 ST F/O
BRONX, NY 10451**

**NY MANIFEST S117737491
N/A**

Site 7 of 10 in cluster T

**Relative:
Higher
Actual:
48 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004657730
Facility Status: Not reported
Location Address 1: 161 E 150 ST F/O
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004657730
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117737491

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2014
Trans1 Recv Date: 09/15/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004657730
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563006GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 3000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 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

T181 **BRONX LANDMARK**
ENE **558-582 GRAND CONCOURSE**
1/8-1/4 **BRONX, NY 10451**
0.223 mi.
1180 ft. **Site 8 of 10 in cluster T**

NY UST **U004077895**
N/A

Relative:
Higher
Actual:
43 ft.

UST:
Id/Status: 2-476196 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590507.77343
UTM Y: 4519224.58055
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 21070
Affiliation Type: Mail Contact
Company Name: YOUNG WOO MENDOZA LLC
Contact Type: Not reported
Contact Name: ALEXANDRA ESCAMILLA
Address1: 545 W. 25TH STREET, #8
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10001-5501
Country Code: 001
Phone: (212) 447-8008
EMail: AESCAMILLA@IYOUNGWOO.COM
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2017-11-21

Site Id: 21070
Affiliation Type: Facility Operator
Company Name: BRONX LANDMARK
Contact Type: Not reported
Contact Name: PLANT MAINTENANCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 477-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Emergency Contact
Company Name: BRONX LANDMARK
Contact Type: Not reported
Contact Name: ALEXANDRA ESCAMILLA
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

BRONX LANDMARK (Continued)

U004077895

Zip Code: Not reported
Country Code: 999
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Facility Owner
Company Name: BRONX LANDMARK LLC
Contact Type: AUTHORIZED SIGNOR
Contact Name: MARGUARETTE LEE
Address1: 435 HUDSON STREET SUITE 402
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10014
Country Code: 001
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2017-04-19

Tank Info:

Tank Number: #2
Tank ID: 60307
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 04/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - 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

BRONX LANDMARK (Continued)

U004077895

Tank Number: #1
Tank ID: 60306
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 12/14/2016
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JSMACRI
Last Modified: 09/10/2018

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

T182
ENE
1/8-1/4
0.223 mi.
1180 ft.

USPS - BRONX
558 GRAND CONCOURSE
BRONX, NY 10451
Site 9 of 10 in cluster T

RCRA-CESQG **1001080199**
FINDS **NY8180000137**
ECHO
NY MANIFEST
PA MANIFEST

Relative:
Higher
Actual:
43 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: USPS - BRONX
Facility address: 558 GRAND CONCOURSE
BRONX, NY 10451-9731
EPA ID: NY8180000137
Mailing address: GRAND CONCOURSE
BRONX, NY 10451-9731
Contact: MARLON L WILLIAMS
Contact address: GRAND CONCOURSE
BRONX, NY 10451-9731
Contact country: US
Contact telephone: 718-402-7744
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: US POST OFFICE
Owner/operator address: 558 GRAND CONCOURSE
BRONX, NY 10451
Owner/operator country: Not reported
Owner/operator telephone: 718-402-7546
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US POSTAL SERVICE
Owner/operator address: GRAND CONCOURSE
BRONX, NY 10451
Owner/operator country: Not reported
Owner/operator telephone: 718-402-7744
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: US POST OFFICE
Owner/operator address: 558 GRAND CONCOURSE
BRONX, NY 10451
Owner/operator country: US
Owner/operator telephone: 718-402-7546
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US POSTAL SERVICE
Owner/operator address: GRAND CONCOURSE
BRONX, NY 10451
Owner/operator country: US
Owner/operator telephone: 718-402-7744
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
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
Site name: USPS - BRONX
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/30/2003
Site name: USPS - BRONX
Classification: Small Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/07/1997
Site name: US POSTAL SERVICE - FACILITY
Classification: Small Quantity Generator

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001564655

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001080199
Registry ID: 110001564655
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001564655>

NY MANIFEST:

Country: USA
EPA ID: NY8180000137
Facility Status: Not reported
Location Address 1: 558 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: 9731

NY MANIFEST:

EPAID: NY8180000137
Mailing Name: US POSTAL FACILITY BRONX GPO/P&DC
Mailing Contact: MICHAEL QUALIETERO
Mailing Address 1: 558 GRAND CONCOURSE
Mailing Address 2: Not reported
Mailing City: BRONX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: 9731
Mailing Country: USA
Mailing Phone: 7184027443

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: TXR000081205
Trans2 State ID: NJD071629976
Generator Ship Date: 08/28/2015
Trans1 Recv Date: 08/28/2015
Trans2 Recv Date: 09/11/2015
TSD Site Recv Date: 09/14/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: KYD053348108
TSD ID 2: Not reported
Manifest Tracking Number: 004867623SKS
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H061
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 900
Units: P - Pounds
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: D005
Waste Code 1_3: D006
Waste Code 1_4: D007
Waste Code 1_5: D008
Waste Code 1_6: D011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Manifest Details:

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: U154
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: F003
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 4
Waste Number: XXXX
Container Number: 2
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 10
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: PAG473005
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 05/15/2006
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-402-7546
Page Number: 1
Line Number: 2
Waste Number: NONE
Container Number: 2
Container Type: Metal drums, barrels, kegs
Waste Quantity: 200
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

[Click this hyperlink](#) while viewing on your computer to access
3 additional PA_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

T183
ENE
1/8-1/4
0.223 mi.
1180 ft.

BRONX LANDMARK
558-582 GRAND CONCOURSE
BRONX, NY 10451

NY AST U003395125
N/A

Site 10 of 10 in cluster T

Relative:
Higher
Actual:
43 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-476196
Program Type: PBS
UTM X: 590507.77343
UTM Y: 4519224.58055
Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 21070
Affiliation Type: Mail Contact
Company Name: YOUNG WOO MENDOZA LLC
Contact Type: Not reported
Contact Name: ALEXANDRA ESCAMILLA
Address1: 545 W. 25TH STREET, #8
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10001-5501
Country Code: 001
Phone: (212) 447-8008
EMail: AESCAMILLA@IYOUNGWO.COM
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2017-11-21

Site Id: 21070
Affiliation Type: Facility Operator
Company Name: BRONX LANDMARK
Contact Type: Not reported
Contact Name: PLANT MAINTENANCE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 477-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Emergency Contact
Company Name: BRONX LANDMARK
Contact Type: Not reported
Contact Name: ALEXANDRA ESCAMILLA
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

BRONX LANDMARK (Continued)

U003395125

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Facility Owner
Company Name: BRONX LANDMARK LLC
Contact Type: AUTHORIZED SIGNOR
Contact Name: MARGUARETTE LEE
Address1: 435 HUDSON STREET SUITE 402
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10014
Country Code: 001
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2017-04-19

Tank Info:

Tank Number: 001
Tank Id: 37927
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
E02 - Piping Secondary Containment - Vault (with Access)
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1958
Capacity Gallons: 20000
Tightness Test Method: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX LANDMARK (Continued)

U003395125

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/14/2016
Register: True
Modified By: JSMACRI
Last Modified: 09/10/2018
Material Name: #2 fuel oil (on-site consumption)

W184
WSW
1/8-1/4
0.226 mi.
1194 ft.

HARLEM SELF STORAGE LLC
9 W 141ST ST
NEW YORK, NY 10037

RCRA-CESQG **1019326228**
FINDS **NYR000228429**
ECHO

Site 14 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

RCRA-CESQG:
Date form received by agency: 08/26/2016
Facility name: HARLEM SELF STORAGE LLC
Facility address: 9 W 141ST ST
NEW YORK, NY 10037
EPA ID: NYR000228429
Mailing address: E 94TH ST
NEW YORK, NY 10128
Contact: JOSEPH KARTEN
Contact address: E 94TH ST
NEW YORK, NY 10128
Contact country: US
Contact telephone: 212-423-5500
Contact email: JK@KARTENREALTY.COM
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: JOSEPH KARTEN
Owner/operator address: E 94TH ST
NEW YORK, NY 10128
Owner/operator country: US
Owner/operator telephone: 212-423-5500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARLEM SELF STORAGE LLC (Continued)

1019326228

Owner/Op end date: Not reported

Owner/operator name: JOSEPH KARTEN
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
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

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110069514369

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

HARLEM SELF STORAGE LLC (Continued)

1019326228

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019326228
Registry ID: 110069514369
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069514369>

W185
WSW
1/8-1/4
0.226 mi.
1194 ft.

HARLEM SELF STORAGE LLC
9 W 141ST ST
NEW YORK, NY 10037

NY MANIFEST **S119079272**
N/A

Site 15 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

NY MANIFEST:
Country: USA
EPA ID: NYR000228429
Facility Status: Not reported
Location Address 1: 9 W 141ST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000228429
Mailing Name: HARLEM SELF STORAGE LLC
Mailing Contact: HARLEM SELF STORAGE LLC
Mailing Address 1: 309 E 94TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10128
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NYR000081661
Trans2 State ID: NYD080631369
Generator Ship Date: 09/02/2016
Trans1 Recv Date: 09/02/2016
Trans2 Recv Date: 09/09/2016
TSD Site Recv Date: 09/12/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000228429
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

HARLEM SELF STORAGE LLC (Continued)

S119079272

TSDf ID 1: NJD980536593
TSDf ID 2: Not reported
Manifest Tracking Number: 010654665JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: F002
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W186
WSW
1/8-1/4
0.226 mi.
1194 ft.

CON EDISON SERVICE BOX: 58572
2 W 141ST ST FRONT OF
NEW YORK, NY 10037

RCRA NonGen / NLR **1016450043**
NY MANIFEST **NYP004290383**

Site 16 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/01/2013
Facility name: CON EDISON SERVICE BOX: 58572
Facility address: 2 W 141ST ST FRONT OF
NEW YORK, NY 10037
EPA ID: NYP004290383
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 58572 (Continued)

1016450043

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: 03/01/2013
Site name: CON EDISON SERVICE BOX: 58572
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004290383
Facility Status: Not reported
Location Address 1: FO 2 W 141ST ST
Code: BP
Location Address 2: SERV BOX 58572
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004290383
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603370

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 58572 (Continued)

1016450043

Generator Ship Date: 03/01/2013
Trans1 Recv Date: 03/01/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004290383
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010841328JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

X187
North
1/8-1/4
0.228 mi.
1202 ft.

**NYS DOT - CONTRACT D253704
ADJACENT TO 725 EXTERIOR ST
BRONX, NY 10451
Site 3 of 3 in cluster X**

**RCRA NonGen / NLR 1000554209
NYD986966687**

**Relative:
Lower**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007

**Actual:
5 ft.**

Facility name: NYS DOT - CONTRACT D253704
Facility address: ADJACENT TO 725 EXTERIOR ST
BENEATH RAMP A
BRONX, NY 10451

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT - CONTRACT D253704 (Continued)

1000554209

EPA ID: NYD986966687
Mailing address: 21ST ST
LONG ISLAND CITY, NY 11101
Contact: JOHN MORAVEK
Contact address: 21ST ST
LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: 718-829-7800
Contact email: Not reported
EPA Region: 02
Land type: State
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYSDOT
Owner/operator address: 47-40 21ST ST
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-482-4801
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYSDOT
Owner/operator address: 47-40 21ST ST
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-482-4801
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT - CONTRACT D253704 (Continued)

1000554209

Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: NYSDOT - CONTRACT D253704
Classification: Not a generator, verified

Date form received by agency: 02/27/1992
Site name: NYS DOT
Classification: Large Quantity Generator

Date form received by agency: 08/08/1991
Site name: NYSDOT - CONTRACT D253704
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

W188
West
1/8-1/4
0.229 mi.
1208 ft.

DELANO VILLAGE
30 WEST 141 ST
NEW YORK, NY 10037

NY AST **U004046522**
N/A

Site 17 of 19 in cluster W

Relative:
Lower
Actual:
6 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-099740
Program Type: PBS
UTM X: 589817.74342
UTM Y: 4518964.42056
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 2987
Affiliation Type: Facility Owner
Company Name: DELANO VILLAGE COMPANIES
Contact Type: Not reported
Contact Name: Not reported
Address1: 45 W 139 ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10037

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELANO VILLAGE (Continued)

U004046522

Country Code: 001
Phone: (212) 368-8110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2987
Affiliation Type: Mail Contact
Company Name: DELANO VILLAGE COMPANIES
Contact Type: Not reported
Contact Name: BERNARD M. AXELROD
Address1: 45 W 139 ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10037
Country Code: 001
Phone: (212) 368-8110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2987
Affiliation Type: Facility Operator
Company Name: DELANO VILLAGE
Contact Type: Not reported
Contact Name: AXELROD MANAGEMENT CO INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 368-8110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2987
Affiliation Type: Emergency Contact
Company Name: DELANO VILLAGE COMPANIES
Contact Type: Not reported
Contact Name: DAVID HENRYHAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 862-7108
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELANO VILLAGE (Continued)

U004046522

Tank Info:

Tank Number: 001
Tank Id: 10110
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

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

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 12/01/1957
Capacity Gallons: 20000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1998
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Z189
NE
1/8-1/4
0.230 mi.
1215 ft.

CON EDISON
602 WALTON AVE
BRONX, NY 10451
Site 1 of 2 in cluster Z

RCRA NonGen / NLR **1019905819**
FINDS **NYP004813883**
ECHO

Relative:
Higher
Actual:
40 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/28/2015
Facility name: CON EDISON
Facility address: 602 WALTON AVE
BRONX, NY 10451
EPA ID: NYP004813883
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019905819

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: 07/28/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069692988

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019905819
Registry ID: 110069692988
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069692988>

Z190
NE
1/8-1/4
0.230 mi.
1215 ft.

CON EDISON
602 WALTON AVE
BRONX, NY 10451
Site 2 of 2 in cluster Z

NJ MANIFEST S120674551
N/A

Relative:
Higher
Actual:
40 ft.

NJ MANIFEST:
EPA Id: NYP004813883
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674551

Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002661226GBF
EPA ID: NYP004813883
Date Shipped: 7/28/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
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 TSD Received Waste: Not reported
TSD 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: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V191
NNE
1/8-1/4
0.233 mi.
1232 ft.

US POSTAL SERVICE - VMF
580 GERARD AVE
BRONX, NY 10451

Site 7 of 9 in cluster V

RCRA-SQG 1000349040
NJ MANIFEST NYD982727885
NY MANIFEST

Relative:
Higher

RCRA-SQG:

Actual:
28 ft.

Date form received by agency: 10/10/2007
Facility name: US POSTAL SERVICE - VMF
Facility address: 580 GERARD AVE
BRONX, NY 10451
EPA ID: NYD982727885
Mailing address: GERARD AVE
BRONX, NY 10451-9703
Contact: ROBERT SKRIVANEK
Contact address: GERARD AVE
BRONX, NY 10451-9703
Contact country: US
Contact telephone: 718-960-5031
Contact email: Not reported
EPA Region: 02
Land type: Federal
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

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: 10/09/2007
Site name: US POSTAL SERVICE - VMF
Classification: Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: US POSTAL SERVICE - VMF
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/30/2003
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

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

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/1992
Site name: US POSTAL SE
Classification: Large Quantity Generator

Date form received by agency: 03/17/1989
Site name: US POSTAL SERVICE - VMF
Classification: Small Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined

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

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D039

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

- . Waste name: TETRACHLOROETHYLENE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/28/1994
Date achieved compliance: 12/19/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/28/1994
Date achieved compliance: 12/19/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/28/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/19/1994
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

Evaluation date: 08/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/19/1994
Evaluation lead agency: State

NJ MANIFEST:

EPA Id: NYD982727885
Mail Address: 151ST ST & GERARD AVE
Mail City/State/Zip: BRONX 104515242
Facility Phone: 2129605035
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: 000000

Manifest:

Manifest Number: NJA5217557
EPA ID: NYD982727885
Date Shipped: 08/15/2005
TSD EPA ID: NJD991291105
Transporter EPA ID: NJR000050617
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/15/2005
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
Date TSD Received Waste: 08/24/2005
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 09300522
Was Load Rejected: BRONX 104515242
Reason Load Was Rejected: Not reported

Manifest Number: 000106339SKS
EPA ID: NYD982727885
Date Shipped: 01/09/2008
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: NJD071629976
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported

Date Trans1 Transported Waste: 01/09/2008
Date Trans2 Transported Waste: 01/25/2008
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: 01/25/2008
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: Not reported
Was Load Rejected: BRONX 104515242
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H061
Quantity: 100 P

Manifest Number: 000092726SKS
EPA ID: NYD982727885

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

Date Shipped: 11/15/2007
TSDf EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/15/2007
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: 11/28/2007
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: Not reported
Was Load Rejected: BRONX 104515242
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYD982727885
Facility Status: Not reported
Location Address 1: 580 GERARD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: 5242

NY MANIFEST:

EPAID: NYD982727885
Mailing Name: UNITED STATES POST OFFICE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

Mailing Contact: UNITED STATES POST OFFICE
Mailing Address 1: 580 GERARD AVE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: 5242
Mailing Country: USA
Mailing Phone: 2129605036

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 01/15/2009
Trans1 Recv Date: 01/15/2009
Trans2 Recv Date: 01/23/2009
TSD Site Recv Date: 01/24/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982727885
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: KYD053348108
TSD ID 2: Not reported
Manifest Tracking Number: 001341995SKS
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H061
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D006
Waste Code 1_3: D018
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349040

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

V192
NNE
1/8-1/4
0.233 mi.
1232 ft.

US POSTAL SERVICE - VMF
580 GERARD AVE
BRONX, NY 10451

RCRA NonGen / NLR

1000349048
NY5180010451

Site 8 of 9 in cluster V

Relative:
Higher

RCRA NonGen / NLR:

Actual:
28 ft.

Date form received by agency: 01/01/2007
Facility name: US POSTAL SERVICE - VMF
Facility address: 580 GERARD AVE
BRONX, NY 10451-5242
EPA ID: NY5180010451
Mailing address: GERARD AVE
BRONX, NY 10451
Contact: Not reported
Contact address: GERARD AVE
BRONX, NY 10451
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: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: US POSTAL SERVICE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US POSTAL SERVICE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
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

US POSTAL SERVICE - VMF (Continued)

1000349048

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
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Date form received by agency: 07/30/2003
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Date form received by agency: 09/29/1989
Site name: US POSTAL SERVICE - VMF
Classification: Large Quantity Generator

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

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349048

Evaluation Action Summary:

Evaluation date: 09/28/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/10/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

V193
NNE
1/8-1/4
0.233 mi.
1232 ft.

580 GERARD AVENUE
580 GERARD AVENUE
BRONX, NY 10451
Site 9 of 9 in cluster V

NY UST **U000418103**
N/A

Relative:
Higher
Actual:
28 ft.

UST:
Id/Status: 2-333212 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590340.16852
UTM Y: 4519336.07791
Site Type: Unknown

Affiliation Records:

Site Id: 15804
Affiliation Type: Facility Owner
Company Name: U.S.P.S.
Contact Type: Not reported
Contact Name: Not reported
Address1: 558 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 960-5000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15804
Affiliation Type: Mail Contact
Company Name: U.S.P.S.
Contact Type: Not reported
Contact Name: Not reported
Address1: 558 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 960-5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15804
Affiliation Type: Facility Operator
Company Name: VEHICLE MAINTENANCE FACILITY
Contact Type: Not reported
Contact Name: POSTMASTER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 960-5037
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15804
Affiliation Type: Emergency Contact
Company Name: U.S.P.S.
Contact Type: Not reported
Contact Name: POSTMASTER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 960-5037
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 35352
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

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

580 GERARD AVENUE (Continued)

U000418103

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 0010
Tank ID: 37901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 12/01/1957
Date Tank Closed: 02/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C01 - Pipe Location - Aboveground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 35353
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 37902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 37903
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 35354
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 37904
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 35355
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Number: 005
Tank ID: 37905
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005
Tank ID: 35356
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 37906
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 35357
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 007
Tank ID: 35358
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 37907
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 008
Tank ID: 35359
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 37908
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 009
Tank ID: 37909
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 009
Tank ID: 35360
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 37910
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None

Tank Number: 011
Tank ID: 59424

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 02/01/1993
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMPOKRZY
Last Modified: 04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Affiliation Records:

Site Id: 21056
Affiliation Type: Facility Owner
Company Name: NR PROPERTY 2 LLC
Contact Type: V.P.
Contact Name: MARC FLYNN
Address1: 44 W 55TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 293-8900
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-11-23

Site Id: 21056
Affiliation Type: Mail Contact
Company Name: CO EMMES REALTY SERVICES
Contact Type: Not reported
Contact Name: MARC FLYNN
Address1: 44 W 55TH ST
Address2: SUITE 500
City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 293-8900
EMail: MAF@EAMC.COM
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2017-05-19

Site Id: 21056
Affiliation Type: Facility Operator
Company Name: 580 GERARD AVENUE
Contact Type: Not reported
Contact Name: NA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21056
Affiliation Type: Emergency Contact
Company Name: NR PROPERTY 2 LLC
Contact Type: Not reported
Contact Name: MARC FLYNN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 293-8908
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2017-05-19

Tank Info:

Tank Number: 001
Tank ID: 35352
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 0010
Tank ID: 37901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 12/01/1957
Date Tank Closed: 02/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C01 - Pipe Location - Aboveground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 35353
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 37902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 37903
Tank Status: Closed - Removed
Material Name: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 35354
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Number: 004
Tank ID: 37904
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 35355
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 37905
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005
Tank ID: 35356
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 37906
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 35357
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

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

580 GERARD AVENUE (Continued)

U000418103

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 007
Tank ID: 35358
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 37907
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 008
Tank ID: 35359
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 37908
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Number: 009
Tank ID: 37909
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 009
Tank ID: 35360

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 37910
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

F00 - Pipe External Protection - None

Tank Number: 011
Tank ID: 59424
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 02/01/1993
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMPOKRZY
Last Modified: 04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

W194
West
1/8-1/4
0.244 mi.
1288 ft.

DELANO VILLAGE ASSOC., L.L.C.
30 WEST 141ST STREET
NEW YORK, NY 10037
Site 18 of 19 in cluster W

NY UST U003153191
NY AST N/A

Relative:
Higher
Actual:
8 ft.

UST:
Id/Status: 2-602862 / Inactive
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589817.74342
UTM Y: 4518964.42056
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 24817
Affiliation Type: Mail Contact
Company Name: SAVOY PARK LLC.
Contact Type: Not reported
Contact Name: MICHEAL ELLSWORTH
Address1: 45 WEST 139 ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELANO VILLAGE ASSOC., L.L.C. (Continued)

U003153191

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-09

Site Id: 24817
Affiliation Type: Facility Operator
Company Name: SAVOY BANK.
Contact Type: Not reported
Contact Name: MORRIS BLYDEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 690-0765
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-09

Site Id: 24817
Affiliation Type: Emergency Contact
Company Name: DELANO VILLAGE ASSOC., L.L.C.
Contact Type: Not reported
Contact Name: BERNARD AXELROD
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 368-8110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 24817
Affiliation Type: Facility Owner
Company Name: VANTAGE PROPERTIES
Contact Type: SENIOR PROP MGR
Contact Name: MICHEAL ELLSWORTH
Address1: 750 LEXINGTON AVE 17TH FLR
Address2: Not reported
City: NEWYORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELANO VILLAGE ASSOC., L.L.C. (Continued)

U003153191

E-Mail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-09

Tank Info:

Tank Number: 001
Tank ID: 51902
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 20000
Install Date: 01/01/1961
Date Tank Closed: 06/01/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 01/10/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: msbaptis
Last Modified: 04/14/2017

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

AST:

Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-602862
Program Type: PBS
UTM X: 589817.74342
UTM Y: 4518964.42056
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 24817
Affiliation Type: Mail Contact
Company Name: SAVOY PARK LLC.
Contact Type: Not reported
Contact Name: MICHEAL ELLSWORTH
Address1: 45 WEST 139 ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELANO VILLAGE ASSOC., L.L.C. (Continued)

U003153191

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-09

Site Id: 24817
Affiliation Type: Facility Operator
Company Name: SAVOY BANK.
Contact Type: Not reported
Contact Name: MORRIS BLYDEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 690-0765
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-09

Site Id: 24817
Affiliation Type: Emergency Contact
Company Name: DELANO VILLAGE ASSOC., L.L.C.
Contact Type: Not reported
Contact Name: BERNARD AXELROD
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 368-8110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 24817
Affiliation Type: Facility Owner
Company Name: VANTAGE PROPERTIES
Contact Type: SENIOR PROP MGR
Contact Name: MICHEAL ELLSWORTH
Address1: 750 LEXINGTON AVE 17TH FLR
Address2: Not reported
City: NEWYORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DELANO VILLAGE ASSOC., L.L.C. (Continued)

U003153191

EMail: Not reported
 Fax Number: Not reported
 Modified By: msbaptis
 Date Last Modified: 2007-07-09

Tank Info:

Tank Number: 002
 Tank Id: 218205
 Material Code: 0003
 Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
 F00 - Pipe External Protection - None
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 K00 - Spill Prevention - None
 A01 - Tank Internal Protection - Epoxy Liner
 L09 - Piping Leak Detection - Exempt Suction Piping
 C02 - Pipe Location - Underground/On-ground
 J02 - Dispenser - Suction Dispenser
 G02 - Tank Secondary Containment - Vault (w/access)
 I05 - Overfill - Vent Whistle
 H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

Tank Type: Steel/Carbon Steel/Iron
 Tank Status: Tank Converted to Non-Regulated Use
 Pipe Model: Not reported
 Install Date: 06/01/2007
 Capacity Gallons: 12000
 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: 04/14/2017
 Material Name: #6 fuel oil (on-site consumption)

W195
West
1/8-1/4
0.244 mi.
1288 ft.

CON EDISON
30 W 141ST ST
NEW YORK, NY 10037
Site 19 of 19 in cluster W

NY MANIFEST **S117537645**
N/A

Relative:
Higher
Actual:
8 ft.

NY MANIFEST:
 Country: USA
 EPA ID: NYP004702270
 Facility Status: Not reported
 Location Address 1: 30 W 141ST ST
 Code: BP
 Location Address 2: VS 4400
 Total Tanks: Not reported
 Location City: NEW YORK
 Location State: NY
 Location Zip: 10037

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117537645

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004702270

Mailing Name: CON EDISON

Mailing Contact: TOM TEELING

Mailing Address 1: 4 IRVING PL 15TH FL

Mailing Address 2: Not reported

Mailing City: NEW YORK

Mailing State: NY

Mailing Zip: 10003

Mailing Zip 4: Not reported

Mailing Country: USA

Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported

Manifest Status: Not reported

seq: Not reported

Year: 2014

Trans1 State ID: NJD003812047

Trans2 State ID: NJD003812047

Generator Ship Date: 12/03/2014

Trans1 Recv Date: 12/03/2014

Trans2 Recv Date: 12/05/2014

TSD Site Recv Date: 12/05/2014

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYP004702270

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID 1: NJD991291105

TSD ID 2: Not reported

Manifest Tracking Number: 002330531GBF

Import Indicator: N

Export Indicator: N

Discr Quantity Indicator: N

Discr Type Indicator: N

Discr Residue Indicator: N

Discr Partial Reject Indicator: N

Discr Full Reject Indicator: N

Manifest Ref Number: Not reported

Alt Facility RCRA ID: Not reported

Alt Facility Sign Date: Not reported

MGMT Method Type Code: H110

Waste Code: Not reported

Waste Code: Not reported

Waste Code: Not reported

Waste Code: Not reported

Waste Code: Not reported

Waste Code: Not reported

Quantity: 2000

Units: P - Pounds

Number of Containers: 1

Container Type: TT - Cargo tank, tank trucks

Handling Method: T Chemical, physical, or biological treatment.

Specific Gravity: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117537645

Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA196
South
1/8-1/4
0.244 mi.
1289 ft.

GASETERIA
115 EAST 138TH STREET
BRONX, NY

NY LTANKS **S105997104**
NY Spills **N/A**

Site 1 of 4 in cluster AA

Relative:
Higher
Actual:
19 ft.

LTANKS:
Spill Number/Closed Date: 0207682 / 2013-08-06
Facility ID: 0207682
Site ID: 97236
Spill Date: 2002-10-24
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: aaobliga
Referred To: Not reported
Reported to Dept: 2002-10-24
CID: 211
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2002-10-24
Spill Record Last Update: 2013-08-06
Spiller Name: PAULA SKRYJA
Spiller Company: GASETERIA
Spiller Address: 1 WEST PENN AVENUE
Spiller County: 001
Spiller Contact: JEFF BEAUDETTE
Spiller Phone: (800) 666-2605
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 158352
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
VOUGHT DEC Sigona sent a notice regarding the tank test failure on
10/24/2002. BP PRODUCTS NORTH AMERICA, INC. SUITE 410, 1 WEST
PENNSYLVANIA AVENUE TOWSON, MD 21204 ATTN: PAULA SKRYJA see also
spill 9408104 10/24/02 Tightness test on tanks/lines and leak
detectors - Two regular USTs and two super USTs failed on ullage
bubbles. Stage II was not tested because of ullage problems on the
tanks. Dispenser #8 taken out of service because it pumps gas into
vapor line when pump handle is off. Reviewed 11/20/02 tank re-test

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

results (received 1/8/03). Retested two regular unleaded and two premium unleaded USTs. All passed. Stage II was not tested because piping system needs to be reconfigured. 12/15/03 Left Paula Skryja voicemail message inquiring about status of site. PBS information shows five unleaded gas USTs were removed. 12/15/03 Spoke with Paula Skryja. Site was taken over from Gaseteria in August 2002. Some repairs were made to risers, no tank problems. Station was temporarily shut down until raze and rebuild. Gaseteria removed tanks 1.5 weeks ago. BP was on-site to oversee tank removal. Station to be back in service March 2004. Paula to forward information regarding initial TTF. (KMF) 12/26/03 Received information from Paula Skryja, BP regulatory assurance specialist. Tanks retested and passed on 11/20/02. Details of UST removal should be obtained from Gaseteria. (KMF) 9/19/05 - Spill transferred from Vought to Obligado 12/5/05 - Obligado - File Review: Baseline Assessment Report, submitted by Delta, 12/2/05. At time of assessment, site was an active GASeteria service station with 4 4000 gallon gasoline USTs and 1 4000 gallon diesel USTs, 3 pump islands. Surrounding landuse is commercial. Sensitive receptor show Harlem River 500 ft southwest of site. Closest school is 1400 ft northeast of site. Bedrock located at 8 to 12 ft below ground surface. Water is located in bedrock fractures between 8 and 15 ft bgs. Gw flows to southwest. Five soil borings conducted on Dec. 20, 2001. Only soil exceedences in one soil boring SB-3 (9-10.2) with 5880 ppb xylenes and 16,100 ppb naphthalene. Total VOCs 81,402 ppb. Three temporary wells installed. Notable ground water results in ppb: (2/6 and 4/19/02) MW1 - benzene 233, ethylbenzene 539, MTBE 3070 MW2 - benzene 52.3, toluene 48, ethylbenzene 575, xylenes 1810, MTBE 122 MW3 - MTBE 50.2 (8/15/02) MW1 - benzene 205, ethylbenzene 435, MTBE 11000 MW2 - benzene 168, ethylbenzene 203, xylene 84.8 MW3 - MTBE 294 UST Closure Report, submitted by AGS, 12/03. On 11/20/03, 5 4000 gallon tanks excavated, Pump islands, piping, vent lines removed. 5 endpoint soil samples collected. Impacts in only one soil sample, UST - SW Bottom, showing 5200 ppb xylenes. SVOC exceedences as well. One gw sample collected from pit water, showing 6.8 ppb benzene, 27 ppb ethylbenzene, 181 ppb xylenes, 89 ppb toluene. Excavated soil was reused as backfill. Recommends preparation of a Subsurface Investigation Work Plan to investigate and delineate the detected contaminants. UST Closure Report Addendum, submitted by AGS, 12/03. Letter report documents collection of seven samples below former seven dispensers and collection of 5 samples at various piping locations. VOCs impacts were not detected. SVOCs were detected mostly PAHs. UST Closure Report Addendum No. 2, submitted by AGS, 9/04. Details discovery and abandonment of 3 unregistered and abandoned 550 gallon USTs. PBS registration number 2-191361 assigned on 9/3/04. 425 gallons of non DOT regulated waste liquid was removed from the two tanks. 3 soil samples were collected around the UST. USTs abandoned by filling with concrete slurry. No VOC exceedences detected from soil samples, minor PAH exceedences. Upon completion of the rebuilding activities AGS will prepare a Subsurface Investigation Work Plan to investigate and delineate the detected contaminants. 12/7/05 - Meeting with ASR, Gaseteria, DEC. This site is scheduled for investigation in summer 2006. 9/12/06 - Obligado - Emailed multi-site stipulation agreement to Gaseteria on 9/8/06. Sent original on 9/12/06. Due date for workplan is 4/1/06. 6/1/07 - Obligado - Phone conversation with Steve Muller to discuss schedule. New due date for workplan is 8/1/07. 9/25/07 - Obligado - Spoke to Steve Muller about this site. He

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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GASETERIA (Continued)

S105997104

requested proposing a workplan to collect samples from tank mat wells to determine if there is ground water contamination. I told him I would not accept this work plan and he must submit a workplan for well installation. He said he would submit the workplan today.
9/26/07 - Obligado - Received the Investigation Work Plan. 10/26/07 - Obligado - Reviewed the Subsurface Investigation Workplan. It proposes installation of 4 monitoring wells, collection of soil and ground water samples for 8260/8270 , well survey, and submission of summary report within 60 days. Sent approval email to Steve Muller.
1/30/08 - Obigado - Reviewed Subsurface Investigation Report. 3 monitoring wells were installed. Tank mat wells MWNW and MWSE were also sampled. Soil borings performed above bedrock and samples collected. MWs were installed into bedrock. No VOC impacts in soil above bedrock was above standards, minor SVOC impacts which may be attributable to fill. Ground water impacts in 2 of 5 wells. Tank mat wells MWNW and MWSE were also sampled. Max BTEX is 579 at MW3, 247 at MWSE. The report recommneds monitoring for 2 more quarters. I approved the report but required monitoring for 4 quarters at minimum. 5/20/08 - Obligado - Review 1Q08 monitoirng report. BTEX from ND to 272 ug/L. MTBE from ND to 9 ug/L. Will continue monitoring. 12/15/08 - Obligado - Meeting with Gaseteria/ASR/DEC. Gaseteria will submit Closure Petition. 2/2/09 - Obligado - Closure petition submitted. 9/14/09 - Obligado - Sent letter rejecting closure petition. Required soil borings in the vicinity of the tanks to document complete removal of contaminated soil, continued sampling of ground water for at least 2 more quarters. 3/12/10 - Obligado - JCB submitted a work plan to install 2 borings and collect soil and ground water samples in the vicinity of ht eUSTs to document contaminated soil removal. I sent an approval letter to JCB via email. I report will be submitted within 90 days. 4/7/11 - Obligado - I reviewed the RIR report. Soil contamination found in soil boring SB4 adjacent to MWSE. GW samples were collected and BTEX in SB4 was 287 ug/l. During the most recent monitoring event, elevated ground water concentrations detected in MWSE. BTEX was detected at 1591 ug/L in MWSE, including 560 ug/L Benzene. Concentrations in this well have been steadily increasing throughout 2010. I emailed Steve Muller to request the most recent data. 8/7/13 - Obligado - I reviewed the 1st Quarter 2013 report. Maximum BTEX concentrations are 51 ug/L. The report requests closures due to minimal exceeences. Concentrations have been consistently decreasing. This spill no longer appears to be a threat to human health and the environment. This spill is closed. Spill Closure Letter sent to Porcelli."

Remarks:

"PIPING PROBLEM - RECOMMEND UNCOVER ISOLATE AND RETEST"

All TTF:

Facility ID: 0207682
Spill Number: 0207682
Spill Tank Test: 1527614
Site ID: 97236
Tank Number: 1-4
Tank Size: 4000
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 14
Test Method 2: VacuTest

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 97236
Operable Unit ID: 860553
Operable Unit: 01
Material ID: 514693
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9408104 / 2003-10-28
Facility ID: 9408104
Facility Type: ER
DER Facility ID: 158352
Site ID: 189745
DEC Region: 2
Spill Cause: Other
Spill Class: B3
SWIS: 0301
Spill Date: 1994-09-14
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 1994-09-14
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
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: 1994-10-28
Spill Record Last Update: 2004-01-07
Spiller Name: Not reported
Spiller Company: GASETERIA
Spiller Address: 115 EAST 138TH STREET
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL to be investigated and remediated under spill 0207682 rommel"
Remarks: "TO TEST TANK (TOMASELLO)"

All Materials:

Site ID: 189745

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

Operable Unit ID: 1002238
Operable Unit: 01
Material ID: 377548
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 52.00
Units: G
Recovered: .00
Oxygenate: Not reported

AA197
South
1/8-1/4
0.244 mi.
1289 ft.

B P PRODUCTS NORTH AMERICA #48374
115 E 138TH ST
BRONX, NY 10451

RCRA-SQG 1007990531
NJ MANIFEST NYR000130468
NY MANIFEST

Site 2 of 4 in cluster AA

Relative:
Higher

RCRA-SQG:

Actual:
19 ft.

Date form received by agency: 01/01/2007
Facility name: B P PRODUCTS NORTH AMERICA #48374
Facility address: 115 E 138TH ST
BRONX, NY 10451
EPA ID: NYR000130468
Mailing address: PO BOX 6038
ARTESIA, NY 90702-6038
Contact: PAULA SKRYJA
Contact address: PO BOX 6038
ARTESIA, NY 90702-6038
Contact country: US
Contact telephone: 410-551-6074
Contact email: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/18/2005
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B P PRODUCTS NORTH AMERICA #48374 (Continued)

1007990531

Owner/operator country: Not reported
Owner/operator telephone: US
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/18/2005
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
Site name: B P PRODUCTS NORTH AMERICA #48374
Classification: Not a generator, verified

Date form received by agency: 01/31/2005
Site name: B P PRODUCTS NORTH AMERICA #48374
Classification: Conditionally Exempt Small Quantity Generator

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

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYR000130468
Mail Address: P.O. BOX 80249
Mail City/State/Zip: SANTA MARGARITA 92688
Facility Phone: 9494605200
Emergency Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B P PRODUCTS NORTH AMERICA #48374 (Continued)

1007990531

Contact: FRANK LOBELLO
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5246524
EPA ID: NYR000130468
Date Shipped: 04/07/2006
TSD EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/07/2006
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
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: 04/07/2006
TSD 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: 07130622
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Manifest Number: 001274737JJK
EPA ID: NYR000130468
Date Shipped: 10/21/2008
TSD EPA ID: NJD991291105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B P PRODUCTS NORTH AMERICA #48374 (Continued)

1007990531

Transporter EPA ID: NJR000023036
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 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/21/2008
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: 10/21/2008
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: Not reported
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D018
Hand Code: H141
Quantity: 200 P

NY MANIFEST:

Country: USA
EPA ID: NYR000130468
Facility Status: Not reported
Location Address 1: 115 E 178TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B P PRODUCTS NORTH AMERICA #48374 (Continued)

1007990531

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000130468
Mailing Name: BP PRODUCTS OF NORTH AMERICA AMOCO 48374
Mailing Contact: N/S
Mailing Address 1: PO BOX 80249
Mailing Address 2: Not reported
Mailing City: RANCHO SANTA MARGARITA
Mailing State: CA
Mailing Zip: 92688
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9494605200

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 10/21/2008
Trans1 Recv Date: 10/21/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/21/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000130468
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 001274737JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B P PRODUCTS NORTH AMERICA #48374 (Continued)

1007990531

Waste Code: D018
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA198
South
1/8-1/4
0.244 mi.
1289 ft.

138 PETROLEUM, LLC
115 EAST 138TH STREET
BRONX, NY 10451

NY UST **1001171441**
N/A

Site 3 of 4 in cluster AA

Relative:
Higher
Actual:
19 ft.

UST:
Id/Status: 2-191361 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 10/17/2023
UTM X: 590180.38665
UTM Y: 4518631.46565
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 5961
Affiliation Type: Mail Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: VICE PRESIDENT
Contact Name: JIMMY KOCHISARLI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2018-08-23

Site Id: 5961
Affiliation Type: Facility Operator
Company Name: 138 PETROLEUM, LLC
Contact Type: Not reported
Contact Name: HARBHAJAN SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 657-4602
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2018-06-04

Site Id: 5961
Affiliation Type: Emergency Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: Not reported
Contact Name: ADNAN TAHINCIOGLU
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 5961
Affiliation Type: Facility Owner
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: VICE PRESIDENT
Contact Name: JIMMY KOCHISARLI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2018-08-23

Tank Info:

Tank Number: 001
Tank ID: 7485
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 11/20/2002
Next Test Date: Not reported
Pipe Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
F08 - Pipe External Protection - Retrofitted Impressed Current
G99 - Tank Secondary Containment - Other
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
B08 - Tank External Protection - Retrofitted Impressed Current
K01 - Spill Prevention - Catch Basin

Tank Number: 002
Tank ID: 7486
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 11/20/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other
I03 - Overfill - Automatic Shut-Off
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H99 - Tank Leak Detection - Other

Tank Number: 003
Tank ID: 7487
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1978
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 11/20/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F08 - Pipe External Protection - Retrofitted Impressed Current
B08 - Tank External Protection - Retrofitted Impressed Current
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other
I03 - Overfill - Automatic Shut-Off
K01 - Spill Prevention - Catch Basin
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 004
Tank ID: 7488
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 11/20/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
F08 - Pipe External Protection - Retrofitted Impressed Current
I03 - Overfill - Automatic Shut-Off
B01 - Tank External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
K01 - Spill Prevention - Catch Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number: 005
Tank ID: 7489
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 06/07/2000
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G99 - Tank Secondary Containment - Other
J01 - Dispenser - Pressurized Dispenser
F08 - Pipe External Protection - Retrofitted Impressed Current
I03 - Overfill - Automatic Shut-Off
H99 - Tank Leak Detection - Other
D08 - Pipe Type - Equivalent Technology
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number: 006
Tank ID: 179983
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 08/01/2004
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MXLAY
Last Modified: 06/04/2018

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

Tank Number: 007
Tank ID: 179984
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 08/01/2004
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MXLAY
Last Modified: 06/04/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H05 - Tank Leak Detection - In-Tank System (ATG)
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number: 010
Tank ID: 180178
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

Install Date: Not reported
Date Tank Closed: 09/05/2004
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 180179
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

Tank ID: 67170
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 12000
Install Date: Not reported
Date Tank Closed: 12/01/2003
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 2
Tank ID: 67171
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 12000
Install Date: Not reported
Date Tank Closed: 12/01/2003
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
J01 - Dispenser - Pressurized Dispenser

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

138 PETROLEUM, LLC (Continued)

1001171441

- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- I02 - Overfill - High Level Alarm
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- H05 - Tank Leak Detection - In-Tank System (ATG)

AA199
South
1/4-1/2
0.251 mi.
1324 ft.

GRAND CONCOUR/CARROLL PL.
118 GRAND CONCOURSE
BRONX, NY

NY LTANKS **S100494202**
N/A

Site 4 of 4 in cluster AA

Relative:
Higher
Actual:
19 ft.

LTANKS:

Spill Number/Closed Date: 9208519 / 2003-03-20
 Facility ID: 9208519
 Site ID: 255100
 Spill Date: 1992-10-22
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: C4
 Cleanup Ceased: Not reported
 SWIS: 0301
 Investigator: MITCHELL
 Referred To: Not reported
 Reported to Dept: 1992-10-23
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1992-10-27
 Spill Record Last Update: 2003-03-20
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 208955
 DEC Memo: ""
 Remarks: "DURING TANK PULL CONTAMINATED SOIL DISCOVERED-SPILL SETS ON CLAY & ROCK-5K TANK MAY HAVE WEAK SEAM -TANK GONE-STOCKPILED, TESTED & DISPOSE- NEW ADDRESS:118 GRAND CONCOURSE,BRONX,10456"

All Materials:

Site ID: 255100
 Operable Unit ID: 972057
 Operable Unit: 01
 Material ID: 405611
 Material Code: 0001A
 Material Name: #2 fuel oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOUR/CARROLL PL. (Continued)

S100494202

Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

**200
SE
1/4-1/2
0.259 mi.
1370 ft.**

**CON EDISON
381 CANAL PL FRONT OF
BRONX, NY 10451**

**NY LTANKS S103941473
NY Spills N/A
NY MANIFEST**

**Relative:
Higher
Actual:
19 ft.**

LTANKS:
Spill Number/Closed Date: 8709462 / 1995-03-21
Facility ID: 8709462
Site ID: 145737
Spill Date: 1988-02-02
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B4
Cleanup Ceased: 1992-09-30
SWIS: 0301
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1988-02-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-02-09
Spill Record Last Update: 2006-06-26
Spiller Name: Not reported
Spiller Company: PPA INDUSTRIES
Spiller Address: 381 CANAL PLACE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 16558
DEC Memo: ""
Remarks: "3 TANKS TANK 1--2K & GROSS LEAK TANK 2--2K, LEAK RATE = -.271GPH TANK 3--5K, LEAK RATE = -1.424GPH 8/11/88 : 5K TANK FAILED RETEST, L R=-0.061 GPH."

All TTF:
Facility ID: 8709462
Spill Number: 8709462
Spill Tank Test: 1533196
Site ID: 145737
Tank Number: Not reported
Tank Size: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 145737
Operable Unit ID: 914558
Operable Unit: 01
Material ID: 464783
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9903367 / 2015-05-15
Facility ID: 9903367
Site ID: 145738
Spill Date: 1999-06-23
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: VXBREVDO
Referred To: Not reported
Reported to Dept: 1999-06-23
CID: 207
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-06-23
Spill Record Last Update: 2015-05-15
Spiller Name: GINA CONSTANTINI
Spiller Company: PREMIER METALS
Spiller Address: 381 CANAL PLACE
Spiller County: 001
Spiller Contact: GINA CONSTANTINI
Spiller Phone: (516) 249-3150
Spiller Extention: Not reported
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

DER Facility ID:
DEC Memo:

372139

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 9/08/03 1541 Hrs Sawyer forwarded pbs report to Sigona for inspection. The pbs registration is overdue. 9/17/03 Rossan performed PBS inspection and found them removing tank for closure which opened another spill because of the contamination. 9/23/03 - Sawyer - Sent contaminated soil letter to 381 Canal Place Management. 2/11/04 1030 Hrs - Sawyer - Sent contaminated soil letter to Pride Furniture, Attention: Joseph Muller. 6/24/05 - Spill Lead_DEC Field changed to Grathwol . After repeated efforts by M. Haggerty to contact owner (received no cooperation) and 30-day Department letter requesting information was ignored, J. Grathwol visited the site on 2/16/06. Talked with employees of Pride Furniture. They stated they had no knowledge of the spill. Asked me to call back and discuss with owner. Called several times with no success, Pride Furniture staff stated the owner would call me directly, but it did not happen. Pride Furniture is heated by salamanders , torpedo-shaped heaters - no oil heat. Spill #8709462 is 3 tank failures with gross leaks and was closed because of the multiple spills at the same address. Pride Furniture phone number: 718-585-1400. Recommend this project as potential PIN project. {Grathwol} 9/11/06 assigned to bf 9/11/06 sent tff old spill letter. bf Undated notes from telephone conference with Schretzmayer in the hard file, entered here 4/22/10: J. Urda case 4/30/09 report - no delineation done yet, wants site visit Phase II investigation Sept. '03 not in file (e-docs). Proposal is to delineate soil and groundwater determination. Will plan be approved by DEC? J. Schretzmayer wants site visit for boring locations. Last page - will send investigation report.

----- 9/23/03 cont. soil letter sent
tff 001 & 002 closed removed 10/18/03 (not processed) 003 closed in placed 9/17/03 send cont soil letter? ++++++ NOTE:
Report referred to above is not in the file. bf 8/7/12 bf: On 8/2/12 received call from Stephanie Davis of FPM Group (631)737-6200 ext.228. She is preparing a proposal for either investigation or remediation. She called back on 8/6/12. She wanted to know where this case is as far as investigation and remediation. I told her that I needed to review the file and called her back on 8/7/12. Very little documentation found in e-docs. Found reports dated 10/1/03 (soil sampling), 12/3/03 (tank closure), and 4/30/09 (work plan) in OGC file. Ms. Davis requested copies of any reports regarding the investigation. Documents were e-mailed to her today . She sent the following e-mail: Brian As per our discussion, please provide a copy of the available technical reports for the above-referenced spill such that we may develop an appropriate scope of work for further investigation and/or remediation, as needed. If you have any questions, please contact me via email or the phone number below. Thanks again for your help in this matter. Stephanie O. Davis, CPG Hydrogeology Department Manager FPM Group 909 Marconi Avenue Ronkonkoma, NY 11779 (631) 737-6200, ext. 228 Fax (631) 737-2410
-----end----- 1/24/13 On

11/26/12, received sub-surface investigation work plan. bf 1/28/13 OGC sent letter to James Rigano, attorney, requesting an approvable work plan and notification for the continuing violation of a Commissioner's Order. Work plan is due in 45 days. bf 2/1/13 Yesterday, received updated work plan dated January 30, 2013. Sent approval of the plan to Stephanie Davis, consultant. bf 07/16/13 - Spill Case is transferred from Brian Falvey (PBS Unit) to V. Brevdo

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

(Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 11/12/2013 - V. Brevdo Called Stephanie Davis of FPM Group, left voice mail inquiring about the status of the project. V.B. 11/12/2013 - V. Brevdo Received call from Stephanie Davis of FPM Group. FPM implemented investigation work plan dated January 30, 2013 and previously approved by the Department (PBS Unit - Brian Falvey). FPM also submitted May 23, 2013 Subsurface Investigation Report, Tank Compliance, and Remedial Action Work Plan. Stephanie Davis e-mailed May 23, 2013 report via e-mail (previously was submitted to PBS Unit), which needs Department's review and approval. VB 11/13/2013 - V. Brevdo Current Status of the Project: Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner's Order in Matter of Gladiator Realty Corp. and Canal Management Corp. The Order requires, among other things, that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and correct violations of State's PBS regulations. Historically the building on the site was used as a factory and warehouse. At present the building has several tenants, including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted on March 19 to March 21, 2013. Although the investigation results indicated the presence of visibly impacted soil in proximity to the closed in-place USTs from between approximately 5 and 15 feet below the building floor, the soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. Subsurface Investigation Report, Tank Compliance, and Remedial Action Plan document dated May 23, 2013 was submitted to the Department for review and approval. On November 13, 2013 the Department has provided FPM group with comments on the May 23, 2013 document, requested submission of the detailed RAWP, including schedule of proposed remedial activities and Health and Safety Plan. FPM advised the Department they will submit a detailed RAWP that addresses Department's comments. VB 11/26/2013 - V. Brevdo e-mail from the Department to FPM, consultant for RP. November 26, 2013 Dear Ms. Davis: Could you please give me an estimated date when you think FPM will submit the detailed RAWP and address my November 13, 2013 comments on May 23, 2013 Investigation Report? Happy Thanksgiving to you. Vadim Brevdo 12/11/2013 - V. Brevdo Called Stephanie Davis of FPM group - left voice mail inquiring on the status of submission of the detailed RAWP for the project. V.B. 01/23/2014 - FPM submitted RAWP. VB 01/23/2014 - Completed review of January 23, 2014 RAWP. Sent e-mail to FPM containing questions and/or comments on RAWP. Current project status: Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner's Order in Matter of Gladiator Realty Corp. and Canal Management Corp.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

The Order requires, among other things, that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and correct violations of State's PBS regulations. Historically, the building on the site was used as a factory and warehouse. At present the building has several tenants, including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted on March 19 to March 21, 2013. Although the investigation results indicated the presence of visibly impacted soil in proximity to the closed in-place USTs from between approximately 5 and 15 feet below the building floor, the soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. Subsurface Investigation Report, Tank Compliance, and Remedial Action Plan document dated May 23, 2013 was submitted to the Department for review and approval. On November 13, 2013 the Department has provided FPM group with comments on the May 23, 2013 document, requested submission of the detailed RAWP, including schedule of proposed remedial activities and Health and Safety Plan. FPM submitted a detailed RAWP on January 23, 2014. The proposed remedial action includes removal and proper disposal of free-phase petroleum product identified in three monitoring wells in proximity to the closed in-place USTs and associated fill port. Product monitoring, removal and disposal activities will be conducted under a site-specific Health and Safety Plan, which includes procedures to ensure the safety of remedial personnel, on-site workers, and the nearby community. Two months pilot test is proposed to ascertain the effectiveness of the proposed remediation. The Department reviewed RAWP on January 23, 2014 and requested several clarifications/revisions to the document. Clarifications/revisions are pertinent to verification of no residual free product remaining in closed-in-place tanks and description of the remedial goal. VB 02/05/2014 - V. Brevdo Received Revised RAWP from FPM dated February 5, 2014. All the Department's January 23, 2014 comments (sent via e-mail) are addressed satisfactorily to the Department in the revised RAWP. Revised RAWP can be approved, but approval will be contingent on the successful completion of the pilot test and demonstration that the proposed remediation has reasonable expectation to be effective as a full-scale long term remedial approach. V.B. 02/05/2014 - V. Brevdo Reviewed Revised RAWP and issued approval letter. VB 04/15/2014 - V. Brevdo e-mail from FPM: Vadim, Please find attached the results for the product monitoring pilot test we conducted for the above-referenced site in March 2014. In general, we found that product levels decreased over the testing period and recommend that monthly monitoring be continued. Please feel free to contact me with any questions. Ben Ben T. Cancemi, CPG Senior Hydrogeologist Department Manager FPM group 909 Marconi Avenue Ronkonkoma, NY 11779 (631) 737-6200, ext. 209 04/16/2014 - V. Brevdo e-mail to FPM April 16, 2014 Dear Mr. Cancemi: I reviewed Product Monitoring Pilot Test Report prepared by FPM, dated April 15, 2014. I have the following

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

questions pertinent to the report: 1) According to the approved Remedial Action Work Plan (dated February 5, 2014), the expected duration of the pilot test is two months. Given the pilot test commencement appears to be March 6, 2014, the pilot test should be completed by around May 6, 2014. Do you expect to complete pilot test by May 6, 2014? If not, when is the expected remedial pilot test completion date? 2) According to the schedule in the RAWP, A Pilot Test Report is supposed to be submitted to the Department upon completion of the pilot test. It is my understanding that the pilot test has not yet been completed and April 15, 2014 report is not submitted as a final pilot test report or in leau of final pilot test report. Final pilot test report is yet to be submitted. If my understanding is incorrect, please let me know. 3) The Department's February 5, 2014 RAWP approval letter states the following: Please note that this approval of the Remedial Action Work Plan is contingent on the successful completion of the pilot test and demonstration that the proposed remediation has reasonable expectation to be effective as a full scale / long term remedial approach. Review of the Table 1 Product monitoring data reveals that the amount of product recovered from well MW-1 during the March 2014 is 480 milliliters which is equal to 0.13 gallons. Total volume of product removed from all wells is 770 milliliters or 0.2 gallons. To me this appears as a very small volume. Have FPM evaluated a total volume of free product present in the subsurface at the site? Have FPM concluded whether this product removal rate is effective and whether this removal rate will ensure product removal completion within a reasonable time frame? Thank you, Vadim Brevdo 07/28/2014 - V. Brevdo FPM Group submitted product monitoring report dated July 28, 2014. VB 11/03/2014 - V. Brevdo FPM submitted Product Monitoring Third Quarter Report dated November 3, 2014. VB 03/03/2015 - V. Brevdo FPM submitted Product Monitoring Third Quarter Report dated March 2, 2015. FPM continues monitoring and product removal activities, and submitted Product Monitoring and Removal Report for the fourth quarter of 2014 on March 3, 2015. Over the course of monthly monitoring/removal events from July 2014 throughout December 2014, the thickness of product and removed product volumes in wells situated in the proximity to the closed in-place USTs continued to decrease. One of three recovery wells no longer contains free product. FPM will continue to perform the product monitoring and removal activities on a monthly basis. VB 03-24-2015 - V. Brevdo Ms. Mishelle Gambetta called and represented herself as doing research on the property at 388 Canal Place which they want to buy. Ms. Gandetta inquired about the contamination at 381 Canal Place. I (Vadim Brevdo) explained that 381 Canal Place has open petroleum spill case with NYSDEC, and the Department is overseeing the investigation and cleanup of 381 Canal Place. Remediation is currently in progress. With regard to detailed questions about the contamination I suggested that Ms. Gandetta can apply for the project files review under the Freedom of Information Law. I provided for the phone number and fax number to apply for FOIL. V. Brevdo 05-15-2015 - V. Brevdo Spill Case Closure Decision Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner s Order in Matter of Gladiator Realty Corp. and Canal Management Corp. The Order requires that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and correct violations of State s PBS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

regulations. Historically, the building on the site was used as a factory and warehouse. At present the building has several tenants, including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted from March 19 to March 21, 2013. The soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. FPM submitted a detailed RAWP on January 23, 2014 which the Department approved on February 5, 2014. The proposed remedial action included removal and proper disposal of free-phase petroleum product identified in three monitoring wells in proximity to the closed in-place USTs and associated fill port. Two months pilot test was proposed to ascertain the effectiveness of the proposed remediation. On April 16, 2014, FPM submitted the Remedial Pilot Test Report following a series of pilot test product monitoring and removal events implemented throughout March 2014. FPM determined that the product thickness decreased over the testing period and recommended that monthly product monitoring and removal activities continue. The Department approved FPM's recommendation. FPM continued monitoring and product removal activities throughout 2014 and winter/spring 2015. On May 14, 2015, FPM submitted Product Monitoring and Removal Report for the first quarter of 2015, including Spill Case Closure Petition. Based on review of the free product monitoring and removal data, FPM has reached the following conclusions: Free-phase product is contained onsite to the proximity of the closed-in-place USTs and associated fill port. The product is confined to the property and is not migrating. Groundwater and soil have been sampled in the product area and downgradient and no exceedances of recommended cleanup values have been detected. Free product has been observed in two wells but has not been observed in four other wells, two of which are downgradient of the product area. Product thickness and removed product volumes declined early in the monitoring and removal process and have remained low 0.1 foot or less since that time. FPM concluded that product has been removed to the extent feasible. The completed remediation is protective of human health and the environment for the contemplated use of the site as a commercial warehouse, woodworking operations and market. The Department agreed with FPM that the spill case can be closed at this time. Spill Case is closed effective May 18, 2015. VB"

Remarks: "tank contained #2 oil - gross fail"

All TTF:

Facility ID:	9903367
Spill Number:	9903367
Spill Tank Test:	1547299
Site ID:	145738
Tank Number:	Not reported
Tank Size:	2000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

Cause: Not reported
Source: Not reported
Test Method: 20
Test Method 2: USTest 2000/P/LL plus USTest 2000/U
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

SPILLS:

Spill Number/Closed Date: 0306424 / 2003-10-23
Facility ID: 0306424
Facility Type: ER
DER Facility ID: 16558
Site ID: 78703
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 0301
Spill Date: 2003-09-17
Investigator: CESAWYER
Referred To: Not reported
Reported to Dept: 2003-09-17
CID: 270
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: 2003-09-17
Spill Record Last Update: 2006-06-26
Spiller Name: AARON MULLER
Spiller Company: AARON MULLER
Spiller Address: 381 CANAL PL
Spiller Company: 001
Contact Name: AARON MULLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 10/23/03 1407 Hrs - Sawyer - Rp/Ap Only reported the spill, because DEC's Ed Rossan was on site to check PBS registration and it was same day they were in the process of removing the tank. There is a previous spill open at this address and all notes henceforth shall be under this spill #9903367."

Remarks: "contaminated soil and water discovered from tank removal"

All Materials:

Site ID: 78703
Operable Unit ID: 872949
Operable Unit: 01
Material ID: 503647
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYP004549515
Facility Status: Not reported
Location Address 1: 381 CANAL PL
Code: BP
Location Address 2: SB 1047
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004549515
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/02/2014
Trans1 Recv Date: 06/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004549515
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002422909GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S103941473

Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

201
SE
1/4-1/2
0.281 mi.
1486 ft.

ECOLOGY RECYCLING PLANT
321 CANAL PLACE
BRONX, NY 10451

NY SWRCY S105842268
N/A

Relative:
Higher

Actual:
17 ft.

SWRCY:
Region: 2
Facility Address 2: Not reported
Phone Number: 2126650770
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: ANTHONY LACAVALLA
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: z Retired - RHRF - registration
Activity Number: [03M27]
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ECOLOGY RECYCLING PLANT (Continued)

S105842268

Regulatory Status: Not reported
Permit #: 2-6004-00040
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

**AB202
SSW
1/4-1/2
0.290 mi.
1532 ft.**

**EXXONMOBIL
71 MAJOR DEEGAN EXPWY NO
BRONX, NY
Site 1 of 2 in cluster AB**

**NY LTANKS S121988531
N/A**

**Relative:
Higher
Actual:
16 ft.**

LTANKS:
Spill Number/Closed Date: 9103104 / 1993-08-02
Facility ID: 9103104
Site ID: 269967
Spill Date: 1991-06-18
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: A3
Cleanup Ceased: 1993-08-02
SWIS: 0301
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1991-06-18
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-07-10
Spill Record Last Update: 2003-10-02
Spiller Name: JOANNE WALLACH
Spiller Company: EXXONMOBIL
Spiller Address: 3225 GALLOWS ROAD
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 219858
DEC Memo: ""
Remarks: "3K TANK FAILED PETRO TITE WITH A LEAK RATE OF 3GPH,SYSTEM TEST,WILL EXCAVATE,ISOLATE & RETEST."

All TTF:
Facility ID: 9103104
Spill Number: 9103104
Spill Tank Test: 1538681
Site ID: 269967
Tank Number: Not reported
Tank Size: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S121988531

Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 269967
Operable Unit ID: 957144
Operable Unit: 01
Material ID: 425566
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AB203
South
1/4-1/2
0.291 mi.
1536 ft.

EXXONMOBIL
70 MAJOR DEEGAN NORTH
BRONX, NY

NY LTANKS **S121988503**
N/A

Site 2 of 2 in cluster AB

Relative:
Lower
Actual:
7 ft.

LTANKS:
Spill Number/Closed Date: 8909669 / 2018-01-04
Facility ID: 8909669
Site ID: 115391
Spill Date: 1990-01-08
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: MJHAGGER
Referred To: Not reported
Reported to Dept: 1990-01-08
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1990-01-23
Spill Record Last Update: 2018-01-16
Spiller Name: JOANNE WALLACH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S121988503

Spiller Company: EXXONMOBIL OIL CORP
Spiller Address: 3225 GALLOWS RD
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 100552
DEC Memo:

"This spill case was reassigned from DEC (Sigona) to Rommel on 02/10/2004. 07/12/04 BTEX at 14,200 ppb in MW10 4/2004 gw sample. MW10 on downgradient edge of 17-K7E (southbound side) Rommel 3/20/07 - Haggerty - Assumed management of site. Site includes both the northbound and southbound stations (70 and 71 Major Deegan Expressway). 3/27/07 - Haggerty - Approved Subsurface Investigation Work Plan 11/20/07 - Haggerty - approved SSIWP. Bedrock MWs and soil borings around current dispenser islands and tank fields proposed. 6/16/08 - Haggerty: approved Preliminary Feasibility Investigaion Report/Site Statue Update Report dated 6/12/08. Proposed installation of 8 additional injection points as well as a proposed Chemical Oxidation Pilot test. Reviewed expanded groundwater parameters to determine whether this site is suitable for this technology. 3/30/09 - Haggerty: review Feasibility Investigation Report for the RegenOx injection Pilot test. Pilot test shows favorable results however ExxonMobil proposed an Exposure Assessment in an attempt to close out the spill. 5/20/09 - Haggerty: spoke with ExxonMobil at our bi-annual program meeting. ExxonMobil will prepare RAP for further injections. PM explained that an Exposure Assessment can only be submitted when remediation is complete and residual contamination exists, not in place of remediation. Full Scale injection will be implemented. Referred site to OGC for Consent Order. Mobil proposed submitting the RAP by 12/31/09. 11/4/09 - Haggerty: met with Exxon at our bi-annual program meeting. At our last program meeting, the Dept. required them to perform full-scale injection under a RAP/ Consent Order. ExxonMobil legal states that they will not sign a Consent Order without an approved RAP and CAP. Therefore, the Dept. will issue a PIN to complete the remediation. 11/3/09 - Haggerty: PIN 05118 issued. January 2010 - Dept. excecuted access agreement with the NYC Dept. of Parks which owns the land (Major Deegan Expressway runs through Van Cortlandt Park). The gas stations are leased from the NYC Parks. PM sent Underground Injection Control (UIC) EPA 30 day notification on 12/28/09 and received EPA response on 1/19/10. February 2010 - RegenOx injection took place on 2/17/10 after receiving access from Parks Dept. March 2010 - First post-injection sampling took place on 3/17/10. All wells below 1,000ppb of BTEX May 2010 - BTEX concentrations rebounded which is not uncommon. Additional monitoring required. Unfortunately, due to the lack of funds in the Spill Fund, all future work has been postponed until further notice. August 2012 - received permission to conduct one round of GW sampling December 2012 - reviewed groundwater sampling report and VOC concentrations have decreased. 1/4/18 - Haggerty: Monitoring and injection wells decommissioned and restored by DEC callout. Spill closed does not meet standards."

Remarks: "3K TANK (NOT INVOLVED), LINE TEST ONLY FAILED PETRO TITE WITH A LEAK RATE OF -.028GPH, DISCHARGE LINE TEST FAILED , TANK SYSTEM TAKEN OUT OF SERVICE."

All TTF:
Facility ID:

8909669

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EXXONMOBIL (Continued)

S121988503

Spill Number: 8909669
 Spill Tank Test: 1536649
 Site ID: 115391
 Tank Number: 0
 Tank Size: 0
 Material: 0009
 EPA UST: True
 UST: True
 Cause: 99
 Source: 99
 Test Method: -
 Test Method 2: Not reported
 Leak Rate: .00
 Gross Fail: Not reported
 Modified By: RJWHITCH
 Last Modified Date: Not reported

All Materials:
 Site ID: 115391
 Operable Unit ID: 936780
 Operable Unit: 01
 Material ID: 442824
 Material Code: 0009
 Material Name: gasoline
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

AC204
WSW
1/4-1/2
0.293 mi.
1545 ft.

CON EDISON
2300 5TH AVE & W 141ST ST
NEW YORK, NY 10031

NY LTANKS S117395116
NY MANIFEST N/A

Site 1 of 2 in cluster AC

Relative:
Higher
Actual:
8 ft.

LTANKS:
 Spill Number/Closed Date: 1408973 / 2015-02-20
 Facility ID: 1408973
 Site ID: 502569
 Spill Date: 2014-12-04
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: vszhune
 Referred To: Not reported
 Reported to Dept: 2014-12-04
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117395116

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-12-04
Spill Record Last Update: 2015-02-20
Spiller Name: CHRIS STEELE
Spiller Company: UNKNOWN
Spiller Address: 2300 5TH AVE
Spiller County: 999
Spiller Contact: CHRIS STEELE
Spiller Phone: (718) 624-4842
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 457527
DEC Memo: "12/4/14- Spoke to Ray Lara from PTC. He said they cleaned and emptied he tank. They tested the tank and failed. They are going to perform the isolation test. 2/20/15-Mark Salamack from PTC sent an email dated 2/9/15 with the following information. The one on Lenox Avenue and the one on 5th Avenue are both in the same complex called the Savoy...whose main address is 45 West 139th Street in Manhattan...these are both above ground tanks that were tested when they went from #6 oil to #2 oil...both had a problem with the way an electronic gauge was connected on top of each tank...there was no contamination or spilled oil in either case...they have both been retested and passed the tightness tests...as we have not been paid yet for the job we have not sent anything to you to get the spill #s closed. Based on the information that the gauge was repaired, there was no contamination or spill in this site and the tank system was retested and past the test this spill is closed"

Remarks: "tank failure, unk pbs #"

All Materials:

Site ID: 502569
Operable Unit ID: 1251940
Operable Unit: 01
Material ID: 2253915
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYP004762340
Facility Status: Not reported
Location Address 1: 2300 5TH AVE W 141ST
Code: BP
Location Address 2: VAULT # 3804
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10031
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117395116

NY MANIFEST:

EPAID: NYP004762340
Mailing Name: CON EDISON
Mailing Contact: TOM TELLING
Mailing Address 1: 4 IRVING PLACE-15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 04/02/2015
Trans1 Recv Date: 04/02/2015
Trans2 Recv Date: 04/06/2015
TSD Site Recv Date: 04/06/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004762340
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002611482GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117395116

Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

205
NE
1/4-1/2
0.303 mi.
1598 ft.

CARMEL HAYS HIGH SCHOOL
650 GRAND CONCOURSE
BRONX, NY

NY LTANKS S103239085
N/A

Relative:
Higher
Actual:
38 ft.

LTANKS:
Spill Number/Closed Date: 9801301 / 2003-03-03
Facility ID: 9801301
Site ID: 142990
Spill Date: 1998-04-29
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1998-04-29
CID: 365
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-04-29
Spill Record Last Update: 2003-03-03
Spiller Name: FATHER FERNAN
Spiller Company: CARMEL HAYS HIGH SCHOOL
Spiller Address: 650 GRAND CONCOURSE
Spiller County: 001
Spiller Contact: FATHER FERNAN
Spiller Phone: (718) 292-6100
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 121994
DEC Memo: ""
Remarks: "DRIVER DELIVERED OIL AMOUNT THAT WAS ORDERED BY CUSTOMER BUT THERE WAS MORE OIL IN TANK THAN CUSTOMER ORIGINALLY STATED - OIL CAME OUT VENT PIPE - CLEAN UP CREW ENROUTE"

All Materials:
Site ID: 142990
Operable Unit ID: 1061946
Operable Unit: 01
Material ID: 323236

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARMEL HAYS HIGH SCHOOL (Continued)

S103239085

Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: .00
Oxygenate: Not reported

**206
SSE
1/4-1/2
0.307 mi.
1621 ft.**

**2568 PARK
2568 PARK AVENUE
BRONX, NY 10451**

**NY SHWS S113916757
N/A**

**Relative:
Higher
Actual:
17 ft.**

SHWS:

Program: HW
Site Code: 437190
Classification: N
Region: 2
Acres: 0.255
HW Code: 203050
Record Add: 07/08/2010
Record Upd: 04/16/2013
Updated By: RJCOZZY
Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since property owner would not allow access. No environmental data available for this site.
Not reported
Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Owner
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2568 PARK (Continued)

S113916757

Owner City,St,Zip: Bronx, NY 10455
 Owner Country: United States of America
 HW Code: Not reported
 Waste Type: Not reported
 Waste Quantity: Not reported
 Waste Code: Not reported
 Crossref ID: Not reported
 Cross Ref Type Code: Not reported
 Cross Ref Type: Not reported
 Record Added Date: Not reported
 Record Updated: Not reported
 Updated By: Not reported

AC207
WSW
1/4-1/2
0.310 mi.
1636 ft.

APT. BLDG 15 W. 139TH ST
APT. BLDG 15 W. 139TH ST.
MANHATTAN, NY

NY LTANKS S102672304
N/A

Site 2 of 2 in cluster AC

Relative:
Higher
Actual:
10 ft.

LTANKS:
 Spill Number/Closed Date: 9311787 / 1994-01-04
 Facility ID: 9311787
 Site ID: 194911
 Spill Date: 1994-01-04
 Spill Cause: Tank Overfill
 Spill Source: Private Dwelling
 Spill Class: C3
 Cleanup Ceased: 1994-01-04
 SWIS: 3101
 Investigator: TOMASELLO
 Referred To: Not reported
 Reported to Dept: 1994-01-04
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1994-03-30
 Spill Record Last Update: 2004-09-30
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 162405
 DEC Memo: ""
 Remarks: "TANK OVER FILL. NO OTHER DETAILS CREW ON SCEEN TO CLAIM. NO CALL BACK NECESSARY."

All Materials:
 Site ID: 194911
 Operable Unit ID: 993789

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT. BLDG 15 W. 139TH ST (Continued)

S102672304

Operable Unit: 01
Material ID: 558821
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

**AD208
NW
1/4-1/2
0.369 mi.
1950 ft.**

**NYC TRANSIT
146TH ST & LENOX
NEW YORK, NY**

**NY LTANKS S106702990
N/A**

Site 1 of 4 in cluster AD

**Relative:
Higher**

LTANKS:

**Actual:
8 ft.**

Spill Number/Closed Date: 0009127 / 2002-07-10
Facility ID: 0009127
Site ID: 138340
Spill Date: 2000-11-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-11-07
CID: 270
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2000-11-07
Spill Record Last Update: 2003-10-24
Spiller Name: Not reported
Spiller Company: NYC TRANSIT
Spiller Address: 146TH ST AT/LENOX
Spiller County: 001
Spiller Contact: LENNY
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 284309
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE LEAK IN ABOVEGROUND VENT LINE. NO SPILL. REPAIRED AND RETESTED AND PASSED."

Remarks:

""

All TTF:

Facility ID: 0009127
Spill Number: 0009127

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYC TRANSIT (Continued)

S106702990

Spill Tank Test: 1525975
 Site ID: 138340
 Tank Number: 3
 Tank Size: 10000
 Material: 0008
 EPA UST: Not reported
 UST: Not reported
 Cause: Not reported
 Source: Not reported
 Test Method: 03
 Test Method 2: Horner EZ Check I or II
 Leak Rate: .50
 Gross Fail: Not reported
 Modified By: Spills
 Last Modified Date: Not reported

All Materials:

Site ID: 138340
 Operable Unit ID: 829714
 Operable Unit: 01
 Material ID: 546622
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

AE209
SSE
 1/4-1/2
 0.373 mi.
 1969 ft.

221-227 EAST 138TH STREET
221-227 EAST 138TH STREET
NEW YORK CITY, NY
 Site 1 of 5 in cluster AE

NY VCP S118943559
N/A

Relative:
Higher
Actual:
17 ft.

VCP NYC:
 Project ID: 16CVCP011X
 Project Name: 221-227 EAST 138TH STREET
 Project Address: 221-227 EAST 138TH STREET
 Borough: BRONX

VCP NYC:
 Project ID: 16CVCP011X
 File Name: 2015-09-11.RIR
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-09-11.16CVCP011X.report.221-227_East_138th_Street.RIR.pdf

Project ID: 16CVCP011X
 File Name: 2015-10-16.RAWP_Draft
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-10-16.16CVCP011X.workplan.221-227_East_138th_Street_RAWP.pdf

Project ID: 16CVCP011X
 File Name: 2015-10-13.Factsheet-1
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CV

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

221-227 EAST 138TH STREET (Continued)

S118943559

CP011X/2015-10-13.16CVCP011X.doc.221-227_East_138th_Street.Factsheet-1.pdf

Project ID: 16CVCP011X
 File Name: 2015-10-14.Translated_FactSheet-1
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-10-14.16CVCP011X.Translated_FactSheet-1.pdf

Project ID: 16CVCP011X
 File Name: 2015-10-14.Translated_CPS
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-10-14.16CVCP011X.Community_Protection_Statement.pdf

Project ID: 16CVCP011X
 File Name: 2015-10-28.Stipulation_List
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-10-28.16CVCP011X.Stipulation_List.pdf

Project ID: 16CVCP011X
 File Name: 2015-11-09.Decision_Document
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2015-11-09.16CVCP011X.Decision_Document_OER.pdf

Project ID: 16CVCP011X
 File Name: 2016-05-04.Stipulation_List_Addendum
 URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP011X/2016-05-04.16CVCP011X.doc.Stip_List_Addendum_Hydtotech_v3.pdf

AF210
West
1/4-1/2
0.382 mi.
2018 ft.

SAVOY PARK APT
620 LENNOX AVE
NEW YORK, NY

NY LTANKS

S117395118
N/A

Site 1 of 2 in cluster AF

Relative:
Higher
Actual:
17 ft.

LTANKS:
 Spill Number/Closed Date: 1408982 / 2015-02-19
 Facility ID: 1408982
 Site ID: 502581
 Spill Date: 2014-12-04
 Spill Cause: Tank Test Failure
 Spill Source: Private Dwelling
 Spill Class: C4
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: vszhune
 Referred To: Not reported
 Reported to Dept: 2014-12-04
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2014-12-04
 Spill Record Last Update: 2015-02-20

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAVOY PARK APT (Continued)

S117395118

Spiller Name: CHRIS STEELE
 Spiller Company: SAVOY PARK APT
 Spiller Address: 620 LENNOX AVE
 Spiller County: 999
 Spiller Contact: CHRIS STEELE
 Spiller Phone: (718) 624-4842
 Spiller Extension: Not reported
 DEC Region: 2
 DER Facility ID: 457539
 DEC Memo: "12/9/14-Zhune spoke to Ray Lara. Ray said they cleaned, emptied and test the tank for conversion to #2 fuel oil. The tank failed the test. Tank is 12000 AST. No discharge from bottom of the tank. He thinks the leak is dry from the piping. 2/19/15-Mark Salamack from PTC sent an email dated 2/9/15 with the following information The one on Lenox Avenue and the one on 5th Avenue are both in the same complex called the Savoy...whose main address is 45 West 139th Street in Manhattan...these are both above ground tanks that were tested when they went from #6 oil to #2 oil...both had a problem with the way an electronic gauge was connected on top of each tank...there was no contamination or spilled oil in either case...they have both been retested and passed the tightness tests...as we have not been paid yet for the job we have not sent anything to you to get the spill #s closed. Based on the information that the gauge was repaired, there was no contamination or spill in this site and the tank system was retested and past the test this spill is closed."

Remarks: "TEST FAILURE"

All Materials:
 Site ID: 502581
 Operable Unit ID: 1251951
 Operable Unit: 01
 Material ID: 2253926
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: Not reported
 Units: Not reported
 Recovered: Not reported
 Oxygenate: Not reported

AD211 MOTHER CLARA HALE (146TH ST) DEPOT -NYCT
NW 721 LENOX AVE
1/4-1/2 MANHATTAN, NY 10039
0.385 mi.
2032 ft. Site 2 of 4 in cluster AD

NY LTANKS S104502486
NY Spills N/A

Relative: LTANKS:
Higher Spill Number/Closed Date: 8904241 / 2005-06-30
 Facility ID: 8904241
Actual: Site ID: 212329
10 ft. Spill Date: 1989-07-28
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: C3
 Cleanup Ceased: Not reported
 SWIS: 3101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1989-07-28
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1989-08-03
Spill Record Last Update: 2005-06-30
Spiller Name: Not reported
Spiller Company: TRANSIT AUTH BUS GARAGE
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 11/15/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/15/94. transferred from Hale to Tibbe on 12/27/00. tanks replace/repaired/upgraded. investigation pending. See also 89-02374, 91-06264, 93-04003, 96-06076, 98-13017 & 01-02743. Refer to 8902374."
Remarks: "8K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EMPTY TANK & INTERNALLY INSPECT."

All TTF:

Facility ID: 8904241
Spill Number: 8904241
Spill Tank Test: 1535764
Site ID: 212329
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 212329
Operable Unit ID: 931972
Operable Unit: 01
Material ID: 448294
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

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0405011 / 2005-01-10
Facility ID: 0405011
Site ID: 110346
Spill Date: 2004-08-06
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: D5
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-08-06
CID: 406
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-08-06
Spill Record Last Update: 2005-04-27
Spiller Name: PASHKO KAMAJ
Spiller Company: MOTHER CLARA HILL DEPOT
Spiller Address: 721 LENNOX AVE.
Spiller County: 001
Spiller Contact: PASHKO KAMAJ
Spiller Phone: (718) 243-4581
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE see also 03-00236. Primary tank failed testing. Put air on tank and filled piping sump with water. Bubbles indicated a leaking union. Union was tightened and tank was retested and passed. Sump was tested and passed."

Remarks: "Precision Test Failure on the waste oil tank. No actual release of material."

All TTF:

Facility ID: 0405011
Spill Number: 0405011
Spill Tank Test: 1529519
Site ID: 110346
Tank Number: 1
Tank Size: 1000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

Facility ID: 0405011
Spill Number: 0405011
Spill Tank Test: 1529520
Site ID: 110346
Tank Number: 1
Tank Size: 1000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 110346
Operable Unit ID: 888407
Operable Unit: 01
Material ID: 488984
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Site ID: 110346
Operable Unit ID: 888407
Operable Unit: 01
Material ID: 488985
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 8902374 / 2017-10-04
Facility ID: 8902374
Site ID: 240067
Spill Date: 1989-06-07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: RVKETANI
Referred To: 122017 CONF CALL WITH NYCT RE OIL APPEARING
Reported to Dept: 1989-06-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1989-06-09
Spill Record Last Update: 2017-12-20
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 459068
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE transfered from Hale to Tibbe on 12/27/00. see also 89-02952,89-04241, 91-06264, 93-04003, 96-06076, 01-02743. tanks repaired/replaced/upgraded. remediation ongoing. See also 98-13017 for waste oil plume. 12/19/07: Since the depot is slated to be demolished, NYCT has decided to remove as much of the contaminated soil and LNAPL as physically possible. They submitted an SSRP/RD for excavation, which was approved. At the time of the remediation, Spill #s 05-13028, 07-03983 & 06-10604 will be investigated and if necessary remediated. 06-17-08: Spill #s 9813017, 0513028, 0610604 & 0703983 have been closed and consolidated under this number because all of the spills will be remediated at the same time. 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 5/19/2011 The spill was reassigned from Joe O'Connell to Linda Ross 2/27/12 - Raphael Ketani. Site was transferred to me during February 2012. 4/26/12 - Raphael Ketani. The DEC was informed during the monthly meeting that depot construction is still taking place. 5/28/13 - Raphael Ketani. I reviewed the March 2013 Monthly Status Report for all of the subject NYCT bus depot sites. More wells were destroyed as a result of the ongoing construction. Only two wells are left. These are at the east end of the property. 5/29/13 - Raphael Ketani. Gregory Mathelier (212) 252-3470/cell (646) 765-0336, Construction Administrator for the NYCT bus depot sites, sent me the May 2013 Engineering Report for Site Remediation Through In-situ Solidification/Stabilization of the oil contaminated soil (prepared by URS). Mr. Mathelier stated in the text of his e-mail that: The subject Final Engineering Report (FER) prepared by our consultant (URS) for the In-situ Solidification/Stabilization (ISS) performed at the Mother Clara Hale Bus Depot is attached. This report presents a background of remedial investigations performed at the site, the bench scale study conducted

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

prior to the ISS and documents the pilot tests and full scale open-pit mixing for ISS performed within the footprint of the site. The goal of the ISS Program was to solidify contaminated petroleum-impacted soil within the footprint of the site as a means of remediation; this method was approved by the NYSDEC. The ISS program was implemented by Hayward Baker, a subcontractor to NYCT s Remediation Contractor, Franklin, through a bench scale study, a pilot study and a full-scale treatment (ISS) that covered delineated areas of petroleum-impact within the footprint of the site. The results of the bench scale study confirmed the effectiveness of the ISS for the established criteria for unconfined compressive strength, permeability and reduced leaching potential. I reviewed the report. 5/31/13 - Raphael Ketani. I finished reviewing the ISS report. The Site Specific Remedial Plan was approved during July 2009. The remedial method specified is in-situ solidification/stabilization (ISS). Franklin Company Contractors substantially completed the work by October 4, 2010. The report was prepared in compliance with Subparagraph III.E.4.i of the Consent Order. From 1993 to 2010, numerous investigations were performed. Various product recycling methods were used with limited success. The old building was demolished, but long sections of the 9 foot high retaining walls were left in place. Subsurface structures were also present within the old footprint. DEC agreed to using solidification/stabilization if it could be demonstrated that unconfined compressive strength equal to or greater than 50 psi, permeability of equal to or less than 1 X 10⁻⁶ cm/sec and reduced leaching potential towards achieving groundwater standards could be achieved. First, bench scale tests were done. Two design mixes were successful - one for diesel oil areas, and one for waste oil and hydraulic fluid areas. They used a 3:1 ratio dry mix of slag and Portland cement. A 6% mix with soil was used for the waste oil and hydraulic lift areas. An 8.5% mix with soil was used for the diesel oil areas. Hayward Baker Inc. performed the solidification/stabilization work. The work started on 2/3/10 and finished on 10/7/10. The work took place with maximum volume 100 cu. yd. cells and each cell had to be completed the same day. The treatments were in 6' x 20' cells aligned perpendicular to the walls. Interior cells were 10' x 25'. A minimum period of 7 days was required between treatment in a given cell and treatment of an adjacent cell. The work was done by removing the surficial structures, removing the overburden and structures on a cell by cell basis, pre-clearing the treatment zone on a cell by cell basis via excavation and structure removal, and finally the application and mixing of the ISS mix. The soil was mixed in an open pit with a mixing head. The soil was mixed with grout consisting of type I/II Portland cement, granular blast furnace slag and water. The pit was mixed from bottom to top of each cell. There were 19 subareas of mixing. The DEC required sampling of the grout to insure that the results were uniform and compliant. Tests were done regarding permeability and 56 day breaks for data regarding the curing. Four wet samples were obtained from each cell - 2 from the bottom and 2 from the top. The samples were formed into 3 in. by 6 in. cylinders for strength testing via ASTM D2166. Cylinders were formed 3 in. by 3 in. for permeability testing via ASTM D5084. Other cylinders were formed 2 in. by 4 in. for leachability testing via method ANS/NSI 16.1. Slump tests were performed by Franklin staff for bottom samples only. Pilot tests were done by Hayward Baker on 11 cells in diesel oil area H on 3/18/10, but it rained heavily during the tests and the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

cells ended up with 2 feet of water at the top. New pilot tests were performed on 3/19/10 in waste oil area A and a second test and a third test were performed in diesel oil area D on 3/19/10 and 3/22/10, respectively. The fourth pilot test was performed in hydraulic lift area P. Full scale work started with a rich mix as a contingency against excessive water. The full scale mixing started on 3/22/10. A retaining wall was found in front of the west wall. This required a change from the open pit mixing method. The new method involved the installation of 2 rows of grout columns (secant piles). Each column was 36 inches in diameter and 16 feet deep. There were 33 columns per row. Also, holes were drilled through the toe of the retaining wall and grout was injected beneath the wall and between the columns and foundation wall. Seventy six 6 inch diameter holes were drilled. The grout columns were installed from 8/11/10 to 8/17/10. Later, from 8/19/10 to 9/7/10, another 66 columns were installed - most of which were 26 inches in diameter as the larger diameter cutting head had broken. The open pit mixing east of the columns was completed on 9/13/10 and grouting in the toe holes was completed on 9/28/10. Only 2 of the 1,000 grout samples did not meet the 50 psi compressive strength criteria. However, the 28 day break samples were satisfactory. So no action was required. Thirteen of the 1,000 grout samples did not meet the permeability criteria. URS staff expected that they would meet the criteria as they would cure. So no action was warranted. The leachability results were given to the DEC, but not included in the report. All of the samples were deemed to have met the reduced leaching potential such that the goal of meeting the groundwater standards was achieved, if practicable. About 26,500 cu. yds. of soil was treated through ISS. An additional 100 cu. yds. was treated using low pressure grouting. Areas were backfilled with treated soil and 6,100 tons of recycled concrete aggregate to the level of the pre-remediation grades. Scope variance: due to the groundwater rise as a result of the heavy rain, clean soil layers nearer to the surface were contaminated. An agreement was reached between the DEC and the NYCT to raise the vertical limit for soil treatment. Due to staining along the southern wall of the excavation, a 21' x 23' x 12' area south of areas O and P was treated. About 7,300 tons of unimpacted structures and debris were disposed of off site. Additionally, 6,100 tons of fill were imported to bring the site up to grade. A larger than anticipated quantity of overburden soil was treated - 4,575 cu. yds. In order to address the variances, the contract was extended to 10/18/10. I found the report to be acceptable and approved it without comment. 1/28/15 - Raphael Ketani. I reviewed the January 5, 2015 Site Specific Investigation Work Plan for the Confirmatory Soil and Groundwater Investigation. The investigation is being implemented in order to verify current contamination conditions beneath the sidewalks on the north and east sides of the building and in order to gather information to develop alternative recommendations, if warranted, to address any residual contamination. Fifteen (15) borings will be installed using the direct push method. Up to 4 will be groundwater probes. These will be performed where there is no soil contamination in order to be able to sample just dissolved analytes in the groundwater. Up to 3 borings will become wells. Groundwater is 8 to 10 feet bgs. Soil and groundwater samples will be collected and will be processed via methods 8260 and 8270. The soil samples will be taken with 4 foot macrocores. The borings will end at 20 feet bgs. If contamination is found, then the borings will continue until clean material is

MAP FINDINGS

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

encountered. The wells will be screened from 5 to 17 feet below grade. The wells will be sampled one week after development. Purging and sampling will use a low flow method. One composite soil sample from the waste material drums will be collected and sent off to the lab for waste characterization. I found the SSIWP to be acceptable with one comment. The waiting time between well development and sampling of one week was too short. By general environmental practice, well sampling should not take place any sooner than one month after development. Preferably, sampling should take place at least 3 months after development. I drafted a letter stating that the DEC was approving the SSIWP, but that well sampling must not take place any sooner than one month after well development. The letter was submitted to Hassan Hussein, EE III and head of Unit C, for his review and approval. 2/5/14 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today. 9/29/15 - Raphael Ketani. There have been repeated attempts by the NYCT to gain access to well MW-30R in order to conduct groundwater monitoring. However, these attempts had all failed as the superintendent of the building had continuously refused to grant access to the well which is behind a locked fence. Yesterday, Ms. Cadecia Josephs, assistant to Gregory Mathelier, sent me an email with the names of two people in the NYCHA who may be able to provide access to this locked location. These people were Brian Honan (brian.honan@nycha.nyc.gov) and Keith Mitchell (keith.mitchell@nycha.nyc.gov). Today, I sent an email to Mr. Honan and Mr. Mitchell requesting their help with the situation. 11/16/15 - Raphael Ketani. As I had not received an email from Mr. Honan or Mr. Mitchell regarding providing access to well MW-30R, I sent another email to them requesting their assistance. I included Mr. Mathelier [(212) 252-3470/cell (646) 765-0336, Construction Administrator] as a c-c. Soon afterwards, Mr. Honan sent me an email asking when the NYCT would need to gain access to MW-30R. I responded that he should coordinate access with Mr. Mathelier of the MTA-NYCT. Mr. Honan is the Director of the Office of Intergovernmental Relations (212) 306-8108. Mr. Honan added Luis Ponce and Brian Clarke to the email he had sent when responding to me. Later, Mr. Ponce sent me an email stating that he will contact Mr. Mathelier in order to resolve the matter. 4/20/16 - Raphael Ketani. Ms. Cadecia Josephs, assistant to Mr. Mathelier, sent me an email containing the following work schedule: Below is our proposed initial schedule for the Mother Clara Hale Supplemental Investigation: Monday, May 2, 2016 Geophysical survey. Initiate sidewalk saw-cutting and guzzler pre-clearing activities. Tuesday, May 3, 2016 and Wednesday, May 4, 2016 Continue sidewalk saw-cutting and guzzler pre-clearing activities. Thursday, May 5, 2016 through Tuesday, May 10, 2016 Soil boring and groundwater probe installation activities. Wednesday, May 11, 2016 through Monday, May 16, 2016 Soil boring and groundwater monitoring well installation activities. Tuesday, May 17, 2016 through Tuesday, May 24, 2016 Sidewalk flag repair Tuesday, May 31, 2016 Well development and survey of sample locations. Thursday, June 30, 2016 Groundwater sampling of newly-installed monitoring wells. Please note that these dates may change based on the findings of the investigation and/or any input from the Depot AGM during our site meeting next week. AARCO is currently coordinating for NYCDOT permits, which will take some time and is driving the start date 2 weeks from now. 9/28/17 - Raphael Ketani. Today, at a general remedial progress meeting for NYCT bus depots and related properties, Mr. Mathelier gave me the NYCT September 2017 Confirmatory Soil and Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Investigation/Petition for Spill Closure Report for the site that was written by staff from Dvirka & Bartilucci Engineers and Architects. I gave the report today's date as the date of publication as none was indicated. 10/2/17 - Raphael Ketani. I began my review of the Confirmatory Soil and Groundwater Investigation/Petition for Spill Closure Report. 10/3/17 - Raphael Ketani. I finished my review of the Confirmatory Soil and Groundwater Investigation/Petition for Spill Closure Report. The Mother Clara Hale depot had 3 known types of subsurface petroleum impacts: diesel fuel, waste oil and hydraulic oil. An estimated 44,354 gallons of total liquid was released from leaking USTs, their associated piping and the oil/water separator system. A total of 7016 gallons of product was recovered, but only during the early years of the remediation process. Only wells MW-13R and MW-30R remained after the new depot building had been constructed. Petroleum impacts were identified at 3 to 16 feet below grade. The majority of the impacts were within the zone of groundwater fluctuation which was at 8 to 10 feet below grade. Up to 3.6 feet of product had been measured in one well (MW-12) in the southeast corner of the site. No free product was found in the hydraulic lift areas. On site impacts were addressed through In Situ Soil Stabilization (ISS). The intent of ISS was to immobilize the residual soil contamination. Before ISS could be performed, all subsurface structures were removed (i.e. foundations) and clean soil. Contaminated soil was mixed with water, cement and ground furnace slag. ISS was initiated during February 2010. Off site impacts found at MW-10R, MW-11R and MW-12 were addressed as a separate remedial activity. URS (previous consulting company) did an off site delineation investigation during February 2010. It consisted of conducting 15 soil borings within the sidewalk and street to the north and east of the depot. Free product was found at borings B-84, B-85 and B-86. These locations were identified as the former area of the remote diesel fills. Samples from B-77, B-78, B-84 and M-86 had soil VOC exceedances above the clean up criteria. Samples from B-87 and B-90 exceeded the SVOC cleanup criteria. Though the draft Shallow Excavation and Surfactant Flushing SSRP/RD dated September 2010 was written by URS, it could not be implemented as the new depot construction was taking place. Dvirka & Bartilucci (D&B; the current consulting company) wrote an SSIWP for conducting confirmatory borings and a groundwater investigation in order to verify the current conditions in these areas. The SSIWP was approved by the NYS DEC on 2/5/15. The program was implemented by D&B from May 9th to the 26th of 2016. A total of 24 borings, 4 groundwater probes (MCSB-04, 09, 13 and 18 and later renamed MWGP-01 to MWGP-04), 4 wells and soil and groundwater sampling were conducted along the northeast sidewalk and around the southeast corner. The total depths of the borings varied from 20 to 25 feet below grade. Both the soil samples and the groundwater samples were analyzed for VOCs and SVOCs. The screens for the groundwater probes and wells were installed from 5 to 20 feet below grade. The wells were sampled on 7/13/16. The free product program took place based on the results of this investigation. The enhanced petroleum monitoring and recovery program took place from May 2016 to June 2017 and consisted mostly of VEFRing from May 2016 to May 2017. It was implemented due to the appearance of free product at MCMW-02 and MCMW-03. Forty seven soil samples and 9 groundwater samples were collected from 5/6/16 to 7/13/16 as part of the confirmatory soil and groundwater investigation. The soil under the site was determined to be tan to brown with fine to medium subangular

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sand with varying amounts of fine to medium gravel, silt, cobbles. A thin layer of anthropogenic fill covered the natural soil. Groundwater was encountered at 9 to 13.75 feet below grade. Oil staining and odors were found in 22 of the 24 soil samples at depths from 6 to 22 feet below grade. The borings with the most significant contamination were at MCSB-16 to 22 and 24 at depths of 10 to 15 feet bgs. Hydrocarbon odors were present in the purge water from MCMW-01 to MCMW-04. Nine groundwater samples were taken from groundwater probe locations MCGP-01 to 04, MCMW-01, 02 and 04 and MW-13R and MW-30R. MCMW-03 consistently had product from 0.13' to 2.29' (1/11/16 sample) thick and MCMW-02 had 0.01' of product on 9/9/17. Product was recovered using manual methods during the last month of monitoring. The product in MCMW-03 was reduced to 0.01 feet thick or less since the 4/20/17 monitoring event. No product was observed in any well on 5/26/17. An additional 15 gallons of product was recovered at MCMW-02 and MCMW-03, which brought the total amount of product recovered for the site to 7044 gallons. I reviewed Appendix B - Boring Logs and Appendix C - Monitoring Well Construction Logs and had no comments. Next, I reviewed Appendix D - Investigation Analytical Data Tables. Here were listed the soil and groundwater analytical results from sampling which had taken place during May 2016. Specifically, the soil sampling took place on 5/6/16, 5/9/16, 5/10/16, 5/13/16 and 5/23/16 to 5/25/16. The VOC concentrations for the soil samples from locations MCSB-01 to MCSB-25 were either entirely non-detect, mostly non-detect or had mostly very low results which did not exceed the CP-51 unrestricted residential standards. Exceptions to this were MCSB-01 (10'-11.5 foot interval) with 4 exceedences to 20 ppm, MCSB-04 (10'-12') with 1 exceedence to 2.5 ppm and MCSB-09 (10'-12'), MCSB-10 (6'-8'), MCSB-11 (6.5'-8.5'), MCSB-12 (7'-9'), MCSB-16 (10'-12'), MCSB-17 (10.5'-12.5') and MCSB-18 (10.5'-12.5') each with 4 low to moderate (0.13 ppm to 76 ppm) VOC exceedences consisting of isopropylbenzene, n-butylbenzene, n-propylbenzene and sec-butylbenzene. MCSB-09 had 4 VOC exceedences which were in addition to those previously mentioned. The SVOC soil results for all of the samples were almost entirely non-detect, except for MCSB-07 (10'-12') and MCSB-15 (6'-7.5'). Groundwater was sampled from MCGP-01 to MCGP-04 on 5/13/16 and from MCMW-01 and MCMW-02 on 6/13/16. The VOC analytical results were mostly non-detect or below the TOGS 1.1.1 standards, except for the VOC results for benzene (2.8 ppb to 15 ppb), isopropylbenzene (12 ppb to 40 ppb), n-butylbenzene (7.2 ppb to 16 ppb), n-propylbenzene (8.5 ppb to 72 ppb) and sec-butylbenzene (6.5 ppb to 25 ppb). Also, MCGP-02 had 130 ppb of naphthalene and MCMW-02 had 24 ppb of naphthalene. The SVOC results were almost entirely non-detect for all of the samples mentioned above, except for 3 low exceedences in the sample from MW-13R. Samples were analyzed for soil DRO (diesel range organics) on 5/9/16 and 5/25/16. The results were 180 ppm to 20,000 ppm. [Reviewers note: the results indicate the presence of low to moderate contamination under the northeast and southeast sidewalks, but removing it would be difficult due to the utilities just under these areas]. Appendix E - Data Validation Checklist was reviewed. The Organic Analyses were determined to be mostly acceptable in performance with only a small number of unacceptable performances. The exceptions to the acceptable determination were internal standard areas below or above the QC limits for various analytes for a number of soil sample VOCs and SVOCs. Appendix F - Waste Disposal Documents. I found the documents to be fully signed and, thus, acceptable. In the Conclusions and

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Recommendations section, D&B found that the soil contamination had been either immobilized or stabilized. They recommended no further investigating or remediation of the soil and the groundwater. They also stated that the spill is not migrating from the site. As per the above information, staff from D&B asked that the spill case be closed. 10/4/17 - Raphael Ketani. Based upon my review of the case file and the information in the Confirmatory Soil and Groundwater Investigation/Petition for Spill Closure Report, I determined that as much free product had been collected as was feasible, that the great majority of the soil contamination was permanently contained by the solidification and stabilization process, the groundwater contamination was very low and that there was little or no risk of the residual contamination affecting the public or the environment. I wrote a Spill Closure Letter and sent it to Mr. Mathelier for closing spill #8902374, Mother Clara Hale bus depot. I closed the spill case effective 10/4/17. 12/20/17 - Raphael Ketani. Today Mr. DeVinney [MDeVinney@db-eng.com/(516) 364-9890 X 3054] sent me the following email: As you are aware, D&B is currently in the process of properly decommissioning the monitoring wells at Mother Clara Hale Depot following closure of the open spill number at the site. During the decommissioning process, we identified approximately 1.4 of free-phase petroleum in MCMW-03. All other monitoring wells did not contain any measureable free-phase petroleum. As a result, we halted decommissioning activities at MCMW-03 and would like to setup a conference call with NYSDEC to discuss this issue. Please let us know your availability for a call today and what time would be good for you, and I will distribute call-in information. I responded by email and asked what the reason could be for the sudden appearance of so much oil in the well. I suggested illegal dumping of waste oil or a spill from a neighboring building. Next, I suggested a conference call anytime up to 4 PM today and up to 2:30 PM tomorrow. I noted that I would be out all day Friday. Later, a conference call was held at 2 PM. In attendance were Gregory Mathelier, Construction Administrator at the NYCT, Cadecia Josephs, Geologist at the NYCT and assistant to Mr. Mathelier, Matt DeVinney and Stephen Tauss from Dvirka & Bartilucci, Vadim Brevdo and myself. Mr. DeVinney led the discussion. He proposed fingerprinting the oil. Mr. Mathelier asked whether the oil looked like the same product that had been seen earlier in the year. Mr. DeVinney stated that they had opened up well MCMW-03 during the summer and had seen the same product. However, he wasn't sure whether this was hydraulic oil from the pocket on the other side of the depot. Mr. DeVinney added that large concrete structures were installed below the depot and that the oil may have traveled across the top of them. The oil sample was already sent to the lab for a 48 hour turnaround analysis. Mr. DeVinney also said that for a long time, the well didn't have product as the recharge was very slow. Mr. Mathelier stated that he wondered whether the spill would need to be opened up again. I responded that Dvirka & Bartilucci should go back to the well in several days and see whether the oil has returned. Mr. DeVinney stated that they could monitor the well every 2 weeks for a couple of months, see whether the oil has returned and collect it by hand pump if it appears. Both Mr. Brevdo and myself stated that this plan of action was acceptable to the Department. With that, the conversation ended."

Remarks:

"FOUR 5K TANKS LEAKING INTO VAULT. GROUNDWATER DISCOVERED IN VAULT."

All TTF:

Facility ID:

8902374

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Spill Number: 8902374
Spill Tank Test: 1535552
Site ID: 240067
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 240067
Operable Unit ID: 929831
Operable Unit: 01
Material ID: 559467
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

Site ID: 240067
Operable Unit ID: 929831
Operable Unit: 01
Material ID: 2147695
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: -1.00
Oxygenate: Not reported

Site ID: 240067
Operable Unit ID: 929831
Operable Unit: 01
Material ID: 2147696
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: -1.00
Oxygenate: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

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Site ID: 240067
Operable Unit ID: 929831
Operable Unit: 01
Material ID: 1971147
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: -1.00
Oxygenate: Not reported

Spill Number/Closed Date: 9106264 / 2000-12-27
Facility ID: 9106264
Site ID: 95163
Spill Date: 1991-09-10
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1991-09-10
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-09-11
Spill Record Last Update: 2002-06-14
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 11/18/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/18/94. DEC SIGONA REASSIGNED TO KEVIN HALE ON 1/23/98 transfered from Hale to Tibbe on 12/27/00. refer to 89-02374. remediation ongoing."
Remarks: "TWO 5000 GAL TANKS MANIFOLDED. PETROTITE -.280GPH. ISOLATING & INVESTIGATING PIPING."

All TTF:
Facility ID: 9106264
Spill Number: 9106264
Spill Tank Test: 1539031
Site ID: 95163
Tank Number: Not reported

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MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Tank Size: 0
Material: 0008
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 95163
Operable Unit ID: 956756
Operable Unit: 01
Material ID: 421988
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9110782 / 2003-02-12
Facility ID: 9110782
Site ID: 95164
Spill Date: 1992-01-16
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 1992-01-16
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-02-03
Spill Record Last Update: 2003-02-12
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

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MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

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DEC Region: 2
DER Facility ID: 85127
DEC Memo: ""
Remarks: "SORBENT APPLIED. WILL PICK UP & DISPOSE."

Spill Number/Closed Date: 9213322 / 2003-02-10
Facility ID: 9213322
Site ID: 95165
Spill Date: 1993-03-02
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1993-03-02
CID: Not reported
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-03-03
Spill Record Last Update: 2005-03-21
Spiller Name: Not reported
Spiller Company: UNK FUEL VENDOR
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: ""
Remarks: "SPILL INTO STREET AND LAND AROUND DEPOT UNK WHY SPILL OCCURED,CLEANUP ONGOING-MAT'L WILL BE DRUMMED AS HAZ-WASTE"

All Materials:
Site ID: 95165
Operable Unit ID: 980498
Operable Unit: 01
Material ID: 403118
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9304003 / 2000-12-27
Facility ID: 9304003
Site ID: 158428

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Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Spill Date: 1993-06-29
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1993-06-29
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-07-01
Spill Record Last Update: 2007-02-22
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: 370 JAY 57
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE transfered from Hale to Tibbe on 12/27/00. refer to 89-02374. remediation ongoing."

Remarks: "DIESEL WAS FOUND IN MANWAY TO INVESTIGATE TANKS."

All Materials:

Site ID: 158428
Operable Unit ID: 982294
Operable Unit: 01
Material ID: 558889
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9610294 / 1996-11-22
Facility ID: 9610294
Facility Type: ER
DER Facility ID: 85127
Site ID: 318595
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3

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MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

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SWIS: 3101
Spill Date: 1996-11-18
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1996-11-18
CID: 323
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-11-18
Spill Record Last Update: 2007-02-22
Spiller Name: RAMONE PAEZ
Spiller Company: CLARE HALE DEPOT
Spiller Address: 721 LENOX
Spiller Company: 001
Contact Name: RAMONE PAEZ
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY "
Remarks: "GAUGE TO BOILER 1 BROKE, SPILL IS CONTAINED IN BOILER ROOM. CLEAN UP CREW IS ENROUTE."

All Materials:

Site ID: 318595
Operable Unit ID: 1038223
Operable Unit: 01
Material ID: 561119
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0008714 / 2001-08-28
Facility ID: 0008714
Facility Type: ER
DER Facility ID: 85127
Site ID: 95157
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2000-10-26
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-10-26
CID: 312
Water Affected: Not reported
Spill Source: Commercial/Industrial

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EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

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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: 2000-10-26
Spill Record Last Update: 2003-11-14
Spiller Name: Not reported
Spiller Company: NYC TRANSIT
Spiller Address: 871 5TH AVE
Spiller Company: 001
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE no product lose. minor sheen in separator contained in vault. cleaned by nyct."
Remarks: "OIL/WATER SEPARATOR MALFUNCTIONED - CONTAINED IN VAULT - DID NOT GO ANYWHERE - REPAIR TO BEGIN - REQ'D BY DEC ON SITE"

Spill Number/Closed Date: 0404173 / 2005-03-30
Facility ID: 0404173
Facility Type: ER
DER Facility ID: 85127
Site ID: 95162
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2004-07-19
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-07-19
CID: 405
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-07-19
Spill Record Last Update: 2005-03-30
Spiller Name: LENNY GELDMAN
Spiller Company: MOTHER CLARA HILL DEPOT
Spiller Address: 721 LENOX AVE
Spiller Company: 001
Contact Name: LENNY GELDMAN
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE see also 04-01607. Product discovered in the discharge sump for diesel tank #1. Primary line leak. Secondary and sump passed testing on 07/20/04, so there was no release to the environment. The flex connector was replaced and relocated inside the sump. The discharge primary and secondary were retested and passed. "
Remarks: "LEAKED FROM #1 TANK INTO THE SUMP CONTAINMENT, STILL INVESTIGATING

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CAUSE, EVERYTHING CLEANED UP"

All Materials:

Site ID: 95162
Operable Unit ID: 887064
Operable Unit: 01
Material ID: 488186
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: 20.00
Oxygenate: Not reported

Spill Number/Closed Date: 9606076 / 2000-12-27
Facility ID: 9606076
Facility Type: ER
DER Facility ID: 85127
Site ID: 95166
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 3101
Spill Date: 1996-08-11
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1996-08-11
CID: 322
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-08-11
Spill Record Last Update: 2000-12-27
Spiller Name: HOWIE MATZA
Spiller Company: NYCTA
Spiller Address: 721 LENOX AVE
Spiller Company: 001
Contact Name: HOWIE MATZA
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE transferred from Hale to Tibbe on 12/27/00. refer to 89-02374. remediation ongoing. "
Remarks: "bus was being filled and desiel came out of a manway - the tanks have been taken out of service until cause is determined- spill cleaned up "

All Materials:

Site ID: 95166
Operable Unit ID: 1037043
Operable Unit: 01

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Material ID: 348812
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: 10.00
Oxygenate: Not reported

Spill Number/Closed Date: 0311419 / 2004-01-29
Facility ID: 0311419
Facility Type: ER
DER Facility ID: 85127
Site ID: 158426
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 3101
Spill Date: 2004-01-09
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-01-09
CID: 404
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-01-09
Spill Record Last Update: 2005-04-27
Spiller Name: JOSEPHINE BROWN
Spiller Company: NYCT
Spiller Address: 370 JAY STREET
Spiller Company: 001
Contact Name: ANDREW JANUSIS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Fuel spill from the calibration canister while trying to pour the fuel back in the stick line of the tank. Fuel spilled into sumps A & B of Diesel Tank #2. Spill was cleaned by Depot personnel. Both sumps were tested and passed."

Remarks: "IN THE PROCESS OF BEING CLEANED UP NOW. RAN INTO TWO SUMP PUMPS. THEY ARE PERFORMING A STANDING WATER TEST. 2 GALLONS IN SUMP A - 1/2 GALLON IN SUMP B THESE ARE DISCHARGE SUMPS FOR TANK #2."

All Materials:
Site ID: 158426
Operable Unit ID: 876771
Operable Unit: 01
Material ID: 500228
Material Code: 0008
Material Name: diesel
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0311426 / 2004-03-30
Facility ID: 0311426
Facility Type: ER
DER Facility ID: 85127
Site ID: 158427
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2004-01-09
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-01-09
CID: 404
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-01-09
Spill Record Last Update: 2005-04-27
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: PASHKO CAMAJ
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Product discovered in blind riser of secondary for discharge line #2. Product was entering secondary through the dispenser pan, which is connected to the secondary. Product was entering the dispenser pan because operators were leaving the dispenser nozzle leaning over the pan and some residual product was dripping from the nozzle to the pan and then to the secondary. NYCT cleaned spill and re-sealed the dispenser pan shroud to prevent product from accumulating in pan."

Remarks: "1/2 GALLON OF GAS WAS FOUND IN A BLIND RISER FOR A DISCHARGE LINE #2. SOURCE IS CURRENTLY BENIG INVESTIGATED. BELIEVED TO BE JUST WASHED INTO RISER."

All Materials:
Site ID: 158427
Operable Unit ID: 879043
Operable Unit: 01
Material ID: 500235
Material Code: 0008
Material Name: diesel
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9503127 / 1995-06-14
Facility ID: 9503127
Facility Type: ER
DER Facility ID: 85127
Site ID: 158429
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 1995-06-13
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1995-06-13
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1995-06-14
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-06-19
Spill Record Last Update: 2007-02-22
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 10/10/95: This is additional information about material spilled from the translation of the old spill file: CHLORODIFLOURO METHA."

Remarks: "LINE RUPTURED AND RELEASED PRODUCTS - UNIT CONTAINED 161 LBS OF PRODUCT"

All Materials:
Site ID: 158429
Operable Unit ID: 1017679
Operable Unit: 01
Material ID: 368185
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 16.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AD212
NW
1/4-1/2
0.385 mi.
2032 ft.

CLARA HALE (146 STREET) BUS DEPOT
721 LENOX AVENUE
NEW YORK, NY 10039

NY LTANKS
NY CBS AST
NY Spills

S103559730
N/A

Site 3 of 4 in cluster AD

Relative:
Higher
Actual:
10 ft.

LTANKS:

Spill Number/Closed Date: 1511105 / 2016-04-25
 Facility ID: 1511105
 Site ID: 522825
 Spill Date: 2016-02-18
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: HRPATEL
 Referred To: Not reported
 Reported to Dept: 2016-02-18
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2016-02-18
 Spill Record Last Update: 2016-04-25
 Spiller Name: Not reported
 Spiller Company: NYCTA
 Spiller Address: Not reported
 Spiller County: 999
 Spiller Contact: RICHARD IYASERE
 Spiller Phone: 6462525777
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 309493
 DEC Memo: "Obligado - Desk Duty - 2-18-16 - I called Richard Isayere. Left a message to call back the NYSDEC. Richard Called me back. They are all underground tanks. According to Franklin, the testing company, there was no loss of product, No sign of leak. They will conduct further investigation. Richard said they will conduct more tests tomorrow and will update us upon completion of the tests if any additional tanks failed. Summary for PBS # 2-189995 3 tanks failed tightness test 1 antifreeze - failed hydrostatic test GEN1 - failed Hydrostatic test DSL-2A - Over fill prevention valve on diesel tank Assigned to Kumar Patel. 2-24-16 - Obligado - Update from Richard. One additional Motor Oil tank M/O-1A also failed the tightness test. No apparent spill or loss of product to the environment. 03/28/16-Hiralkumar Patel. 1:37 PM:- left message for Richard. 3:33 PM:- received message from Richard. 03/29/16-Hiralkumar Patel. 9:02 AM:- left message for Richard. 3:24 PM:- received message from Richard. 04/20/16-Hiralkumar Patel. 1:47 PM:- left message for Richard. 2:56 PM:- received call from Richard. he asked to contact Josephine Brown. 3:03 PM:- spoke with Ms. Brown and inquired her about tank test failures. she will review record and submit information/documents. Josephine Brown MTA Ph. (718) 566-3415 email: Josephine.brown@nyct.com 3:22 PM:- sent email to Ms. Brown and asked to submit information about tank size,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

tank location, cause of failure, repair activities and cleanup of any petroleum discharge. also asked to submit copy of result of subsequent tank system test confirming its integrity. 04/25/16-Hiralkumar Patel. received email from Ms. Brown (at 5:08 PM on 04/21/16) including document confirming cause of failure and actions taken. - 1,000 gal tank for waste anti-freeze (tank # WANTI-1) failed hydrostatic sump test due to sump seam walls and penetration fitting not being tight. containment sump seams repaired by using a fiberglass made adhesive and penetration boot repaired with by installing a new penetration boot. there was no release to the environment. containment sump passed the integrity test after repairs. - 2,500 gal tank for motor oil (tank # M/O-1A) failed hydrostatic sump test due to sump walls not being tight. repaired by using a fiberglass made adhesive. there was no release to the environment. containment sump passed the integrity test after repairs. - 10,000 gal tank for diesel (tank # DSL-2A) failed overfill prevention inspection due to piece of 2 inch pipe (drop tube) missing on bottom of overfill prevention valve. a section of 2 inch pipe was installed to the bottom of overfill prevention valve. there was no release to the environment. as per the submitted document, a fourth tank (5,000 gal diesel tank # GEN-1) also failed hydrostatic test due to penetration boots not being tight. there is no information about repairs made on tank # GEN-1. as per discussion between DEC Andrea and Richard, three underground tanks [1 antifreeze and two diesel tanks (GEN-1 and DSL-2A)] failed test. on 02/24/16, Richard called DEC Andrea and informed him about failure of one more tank (motor oil tank # M/O-1A). 11:51 AM:- sent email to Ms. Brown inquiring about status on 5,000 gal diesel tank (GEN-1). after discussing with DEC Leszek about 5,000 gal diesel tank system failing hydrostatic test due to penetration boot not being tight, no further investigation needed and case can be closed on available information. case closed based on available information."

Remarks: "there was 2 tank test failure."

All Materials:

Site ID: 522825
Operable Unit ID: 1271825
Operable Unit: 01
Material ID: 2276143
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Site ID: 522825
Operable Unit ID: 1271825
Operable Unit: 01
Material ID: 2276142
Material Code: 0043A
Material Name: antifreeze
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Recovered: Not reported
Oxygenate: Not reported

Site ID: 522825
Operable Unit ID: 1271825
Operable Unit: 01
Material ID: 2276337
Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

CBS AST:

CBS Number: 2-000294
ICS Number: Not reported
PBS Number: 2-189995
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: IN SERVICE
Facility Type: F
Telephone: (212) 690-9619
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 08/11/2003
Total Capacity of All Active Tanks(gal): 2000
Operator: NEW YORK CITY TRANSIT
Emergency Contact: HOWARD MATZA
Emergency Phone: (718) 243-4581
Owner Name: NEW YORK CITY TRANSIT
Owner Address: 370 JAY STREET ROOM 819
Owner City,St,Zip: BROOKLYN, NY 11201
Owner Telephone: (718) 243-4581
Owner Type: State Government
Owner Sub Type: None
Mail Name: NEW YORK CITY TRANSIT
Mail Contact Addr: 370 JAY STREET
Mail Contact Addr2: ROOM 819
Mail Contact Contact: JOSEPHINE BROWN
Mail Contact City,St,Zip: BROOKLYN, NY 11201
Mail Phone: (718) 243-4581

Tank Id: CBS-CHD-1
CAS Number: 107211
Federal ID: Not reported
Tank Status: In Service
Install Date: 12/85
Tank Closed: Not reported
Capacity (Gal): 2000
Chemical: Ethylene glycol
Tank Location: Indoors, Aboveground
Tank Type: Steel/carbon steel
Total Tanks: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Tank Secret: False
Tank Secondary Containment: None
Tank Error Status: No Missing Data
Date Entered: 08/10/1995
Certified Date: 06/06/2001
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: Galvanized Steel
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Pipe Flag: Painted/Asphalt Coating
Leak Detection: None
Overfill Protection: 45
Haz Percent: 100
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6201
Lat/Long: Not reported
Is Updated: False
Renew Date: Not reported
Is It There: False
Delinquent: False
Date Expired: Not reported
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: 04/30/2001

SPILLS:

Spill Number/Closed Date: 0513028 / 2008-06-17
Facility ID: 0513028
Facility Type: ER
DER Facility ID: 309493
Site ID: 359438
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 3101
Spill Date: 2006-02-09
Investigator: MCTIBBE
Referred To: CONSOLIDATED UNDER 8902374
Reported to Dept: 2006-02-10
CID: 444
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: 2006-02-10
Spill Record Last Update: 2008-06-17

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Spiller Name: JAIKISAN
Spiller Company: MOTHER CLARA HILL BUS
Spiller Address: 721 LENOX AVE
Spiller Company: 001
Contact Name: JAIKISAN
DEC Memo: "02/10/06. Feroze. Talked with Mr. Jakisan Achaibar 646-252-5772. All fuel is in secondary cointainment. They will submit DEC all documents regarding cleaning the site. 02/10/06-Hiralkumar Patel. Left message for Jaikisan at 3:20 PM. Spoke with Jaikisan. as per him, whatever spill happened its contained in secondary container. both hydrolic lifts are lock out/tag out. on monday, private contractor will come and suck the mixture of water and oil. Jaikisan will call me once they clean site on monday 13th Feb. 02/14/06-Hiralkumar Patel. Left message for Jaikisan. 02/16/06-Hiralkumar Patel. Left message for Jaikisan. Spoke with Jay at System Safety. as they suck out oil and water mixture from pits, they did water level test. among the four pits (pit# 4, 5, 8 & 9) they found three pits (pit# 5, 8 & 9) were leaking. and pit # 8 & 9 had accumulated oil (inch or so). Jay told me that they had spill previously and had plume underground and the site is under remediation. now because two pits accumulate some oil, CPM Remediation group is handling site and investigating. URS consultants is the company who is doing remediation work on site. Jay call back with more information and results of remediation group's investigation. as per him, DEC Mark Tibbe is handling all the site under remediation for NYC transit. Discussed with Mark and Koon in remediation. Mark is working with two different plumes on the same site. as Mark talked with guy at site, the lifts are away from the site where the plume was previously. so it is probably not related to previous plumes.(Refer Spill# 8902374) Spoke with Jay. they have taken some samples for fingerprint and as they get results, Jay will call back. 02/23/06-Hiralkumar Patel. Left message for Jaikisan. 02/24/06-Hiralkumar Patel. Left message for Jaikisan. Spoke with Jay. they haven't got results yet. once he will get result, he will call back. and depends on results this project will go to remediation department in transit. 03/03/06-Hiralkumar Patel. Received call from Jay from Transit. he got sample results and all three samples came back with confirmation that it is lubricating oil. now remediation department at Transit is handling this case. he will update me on this case as he gets information. Received copy of lab results. if we need any information, call Jay at system Safety. 04/04/06-Hiralkumar Patel. Spoke with Jay and he still don't know whether this site will be remediated under remediation section or not. he will call back. Received fax from Jay. abstract of letter: - Source of spill/leak identified: over a period of time, product (hydraulic fluid) and sludge accumulated in all four pits (# 4, 5, 8, 9) due to broken line, and poor seal in piston - Source of Spill/leak was stopped: brokken hydraulic fluid line, poor seal were replaced and lift load test was performed as part of MP2 preventive maintenance. - Spill cleaned: AB Oil removed 1029 gals of oily water and 1 cy of sludge and pressure washed all 4 pits. refer to AB Oil Work orders (3 18739, 18738) and manifests (# 18738, 18739) - Samples taken: samples were collected from two of the lift pits and hydraulic fluid reservoir, and analyzed by URS subcontractor laboratory. the finger print analysis identified the product as hydraulic fluid - Disposal of contaminated waste: AB Oil transported and disposed the oily water, and the sludge as non-hazardous industrial waste. - Investigation required/Refer to CPM: lost water in pit # 5 and gained water in pits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

8 & 9 during standing water test. CPM needs to investigate for any potential product plume in the bus lift area. 06/06/06-Hiralkumar Patel. Left message for Jay. Received call from Jay. he hasn't heard from CPM section and doesn't know whether this will be investigated under existing remediation or will be addressed separately. 07/10/06-Hiralkumar Patel. spoke with Jay. they are still working to determine who will handle this case. 08/31/06-Hiralkumar Patel. left message for Jay. 12/01/06-Hiralkumar Patel. left message for Jay. 12/11/06-Hiralkumar Patel. received message from Racheal from NYC transit. Jay is no longer handling spills. as per Racheal this spill has been transferred to their remedial investigation unit in NYC Transit. Racheal will be call back with more information. **Once MTA Remediation department takes over this case, ask Randy who will handle this case: me or Remediation section of DEC.** 08/16/07: The investigation and remediation (if warranted) will be performed during a large remedial and construction project at this depot. The depot is slated to be demolished and rebuilt in 2008. An SSRP/RD is being prepared to address all of the known contamination and to investigate any areas where contamination is suspected, namely the lifts and associated pits. Refer to 98-13017. 06-17-08: Closed and consolidated under 8902374."

Remarks:

"ALL IN A CONTAINMENT AREA, AROUND THE HYDRALIC LIFTS"

All Materials:

Site ID: 359438
Operable Unit ID: 1116647
Operable Unit: 01
Material ID: 2107093
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 582.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0610604 / 2008-06-17
Facility ID: 0610604
Facility Type: ER
DER Facility ID: 309493
Site ID: 375070
DEC Region: 2
Spill Cause: Other
Spill Class: C4
SWIS: 3101
Spill Date: 2006-12-13
Investigator: MCTIBBE
Referred To: CONSOLIDATED UNDER 8902374
Reported to Dept: 2006-12-19
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-12-19
Spill Record Last Update: 2008-06-17
Spiller Name: RACHEL KRON
Spiller Company: MOTHER CLARA HILL BUS
Spiller Address: 721 LENOX AVE
Spiller Company: 001
Contact Name: RACHEL KRON
DEC Memo: "06-17-08: Closed and consolidated under 8902374."
Remarks: "NO VISIBLE LEAK, LINE TEST FAILED ON TANK # 2 AND HAS BEEN LOCKED AND TAGGED: MARK TIBBE FROM DEC REGION 2 HAS BEEN NOTIFIED: SUSPECT IT WAS A FLEX CONNECTER MALFUNCTION:"

All Materials:

Site ID: 375070
Operable Unit ID: 1132723
Operable Unit: 01
Material ID: 2122504
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0300236 / 2004-08-19
Facility ID: 0300236
Facility Type: ER
DER Facility ID: 279810
Site ID: 95158
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 2003-04-02
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2003-04-07
CID: 207
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-04-07
Spill Record Last Update: 2004-09-13
Spiller Name: CALLER
Spiller Company: NYC TRANSIT
Spiller Address: 370 JAY STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Spiller Company: 001
Contact Name: SHERRY BOLKLEY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE DIESEL FOUND IN SUMPS POSSIBLE FROM LINE LEAK. MOTOR OIL AND ATF FOUND IN SPILL BUCKETS. CLOGGED DRAINS WOULD NOT ALLOW PRODUCT TO DRAIN BACK TO TANK. WASTE OIL LEAKING FROM DRAIN CATCH BASIN. For diesel sump, all testing of primary and secondary testing passed. Unknown where the product came from but it may be related to an overpressurization problem of the flex connectors that will cause them to weep product under high pressure but will test tight at proper operating pressures. For the Motor Oil and ATF Spill buckets, the product was cleaned out and the drains were cleared. For the waste oil tank, see 04-05011. "
Remarks: "SPILL UNDER INVESTIGATION ALREADY FORM DEC FORM PBS INSPECTION"

All Materials:

Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01
Material ID: 508322
Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01
Material ID: 508324
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01
Material ID: 508323
Material Code: 0021
Material Name: transmission fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Material ID: 508321
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0303989 / 2004-05-05
Facility ID: 0303989
Facility Type: ER
DER Facility ID: 279810
Site ID: 95159
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2003-07-16
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2003-07-16
CID: 216
Water Affected: Not reported
Spill Source: Commercial Vehicle
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: 2003-07-16
Spill Record Last Update: 2004-05-05
Spiller Name: CHARLES BURRUS
Spiller Company: NYC TRANSIT
Spiller Address: 370 JAY ST
Spiller Company: 001
Contact Name: SHERRY BULKLEY
DEC Memo:

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Sangesland DDO - spill cleaned 5 gallon of motor oil spilled to depot apron. Some sort of excavation was occurring at the time of the spill and some of the oil impacted bare soil. The soil was removed until visually clean, an endpoint sample was taken and the hole was closed. The endpoint showed residual soil contamination above TAGM. Unfortunately NYCT can not ascertain where the excavation was at the time of the spill so no further excavation can be performed. Since the spill was motor oil from a bus, it could not be more than 10 gallons. This facility is already being remediated for soil and groundwater contamination under spill #s 8904241 & 9813017. "

Remarks: "spill from oil pan on a bus spilled on to ground they will make recovery "

All Materials:
Site ID: 95159
Operable Unit ID: 872238

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Operable Unit: 01
Material ID: 504848
Material Code: 0013
Material Name: lube oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0400382 / 2004-04-20
Facility ID: 0400382
Facility Type: ER
DER Facility ID: 279810
Site ID: 95160
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2004-04-13
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-04-13
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-04-13
Spill Record Last Update: 2004-04-20
Spiller Name: SHERRY BULKLEY
Spiller Company: NYCT
Spiller Address: 370 JAY STREET
Spiller Company: 001
Contact Name: SHERRY BULKLEY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 04/20/04 - Transferred from Tipple to Tibbe. 1/2 gallon of diesel discovered in discharge sump 1b for diesel tank 1. Discharge line test @ 30psi and passed. No impact to the environment because the sump also tested tight. Unknown where the product came from. NYCT inspects sumps on a monthly basis and will make notification if the product reappears."

Remarks: "UNKNOWN WHAT HAPPENED, PART OF TANK SYSTEM, 1/2 GALLON: WILL DO LINE TEST: "

All Materials:
Site ID: 95160
Operable Unit ID: 882552
Operable Unit: 01
Material ID: 491640
Material Code: 0008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 0401607 / 2004-09-13
Facility ID: 0401607
Facility Type: ER
DER Facility ID: 279810
Site ID: 95161
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2004-05-14
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-05-14
CID: 444
Water Affected: Not reported
Spill Source: Commercial Vehicle
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: 2004-05-14
Spill Record Last Update: 2004-09-13
Spiller Name: SHERRY BULKLEY
Spiller Company: MOTHER CLARA HILL DEPOT
Spiller Address: 721 LENOX AVE
Spiller Company: 001
Contact Name: SHERRY BULKLEY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Product discovered in the discharge sump for diesel tank #1. The primary line was tested and passed. It could not be determined where the product cam from. The tank was put back inservice until product was discovered in the sump again on 07/19/04. The tank was taken out of service again and the secondary and sump was tested and passed. It was determined at that time that the flex connector was leaking. See spill # 04-04173."

Remarks: "FRANKLIN ON SITE: LOCKED OUT AND TAGGED OUT: DIESEL TANK ONE AND SUMP 1B: CLEAN UP PENDING"

All Materials:
Site ID: 95161
Operable Unit ID: 885501
Operable Unit: 01
Material ID: 492806
Material Code: 0008
Material Name: diesel
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: 5.00
Oxygenate: Not reported

Spill Number/Closed Date: 1406736 / 2014-09-25
Facility ID: 1406736
Facility Type: ER
DER Facility ID: 309493
Site ID: 500217
DEC Region: 2
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 3101
Spill Date: 2014-09-25
Investigator: SXMAHAT
Referred To: Not reported
Reported to Dept: 2014-09-25
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: 2014-09-25
Spill Record Last Update: 2015-10-28
Spiller Name: MICHELLE RICHARDS
Spiller Company: NYCTA
Spiller Address: 721 LENOX AVE
Spiller Company: 999
Contact Name: MICHELLE RICHARDS
DEC Memo: "9/25/14 : Mahat DEC Mahat contacted Ms. MICHELLE RICHARDS @ (646) 252-5773 inquiring more about the spill. She mentioned estimated 20 gallons of deisel fuel was spilled on the ground and few gallons on the oil water seperator. Clean up has been completed and no other source were impacted. Based on the information provided over the phone, no further investigation is required by the Department. "

Remarks: "cleanup in progress - contractor tripped and lid came off the can"

All Materials:
Site ID: 500217
Operable Unit ID: 1249619
Operable Unit: 01
Material ID: 2251237
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AD213
NW
1/4-1/2
0.385 mi.
2032 ft.

CONTAINMENT AREA
721 LENOX AVE
NEW YORK, NY

NY LTANKS **S118707750**
N/A

Site 4 of 4 in cluster AD

Relative:
Higher
Actual:
10 ft.

LTANKS:
 Spill Number/Closed Date: 1602684 / 2016-06-27
 Facility ID: 1602684
 Site ID: 529102
 Spill Date: 2016-06-16
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: D4
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: RMOMAR
 Referred To: Not reported
 Reported to Dept: 2016-06-16
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2016-06-16
 Spill Record Last Update: 2016-06-27
 Spiller Name: DANIEL
 Spiller Company: NYC TRANSIT
 Spiller Address: 721 LENOX AVE
 Spiller County: 999
 Spiller Contact: DANIEL
 Spiller Phone: (646) 252-5763
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 309493
 DEC Memo: "6/16/2016: Rashad PBS 2-189995. Called Daniel he said tank test was on tank DSL-3A which is a 10,000 gallon diesel tank. There was no discharge and the tank is now out of service. His email is danielyu@nyc.com (send TTL to Francine and cc Daniel). 6/17/2016: Rashad Emailed TTF letter to Francine and uploaded it to D2. 721 Lenox Ave has alternate addresses of 721-735 Esplande Gardens Plaza, 101-165 West 46th Street, and 100-162 West 47th Street. Numerous previous spills exist for depot. 6/27/2016: Rashad Received email from Francine with closure letter. As per the report A petroleum release did not occur from the primary piping of the underground storage tank UST. The cause of the failure was a faulty diaphragm valve. The UST was temporarily taken out of service on June 16, 2016. The line leak detector and diaphragm were replaced on June 20, 2016 and retested on the same date. The test passed and the system was put back into service. Report uploaded to D2. Spill closed as no release occurred and repairs made. "
 Remarks: "tank failure unknown amount spilled PBS 2-189995"
 All Materials:
 Site ID: 529102
 Operable Unit ID: 1277939
 Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTAINMENT AREA (Continued)

S118707750

Material ID: 2282811
Material Code: 9999
Material Name: other - water and diesel
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

214
NNE
1/4-1/2
0.388 mi.
2047 ft.

USPS VEHICLE MAINT. FAC.
580 GERARD AVENUE
NEW YORK CITY, NY

NY LTANKS S100146389
NY Spills N/A

Relative:
Higher
Actual:
27 ft.

LTANKS:
Spill Number/Closed Date: 9007668 / 2001-05-11
Facility ID: 9007668
Site ID: 231377
Spill Date: 1990-10-13
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 1990-10-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-10-31
Spill Record Last Update: 2001-05-15
Spiller Name: Not reported
Spiller Company: GERARD AVE VMF
Spiller Address: 580 GERARD AVENUE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 190688
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 5/15/01: OFF HOUR SPILL REPORT OF TANK TEST FAILURE ASSIGNED TO BATTISTA FILE. REASSIGNED TO RESPONDER MILLER. CROSS-REFERENCE TO SPILL REPORT NO. 9213223: SAME FACILITY. ACCORDING TO SUBMITTED ATC REPORTS: 5,000-GAL. FO UST WAS REMOVED AND REPLACED (W/2,500-GAL UST) IN 1993; 2000 SUBSURFACE INVESTIGATION SHOWED NO VISUAL, OLFACTORY, OR PID EVIDENCE OF CONTAMINATION/RELEASE. SOIL ANALYSIS WERE NON-DETECT FOR VOCS, AND PAH LEVELS ARE CONSISTENT WITH OBVIOUS FILL MATERIAL (i.e., COAL/ASPHALT); GROUND WATER WAS NOT ENCOUNTERED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS VEHICLE MAINT. FAC. (Continued)

S100146389

Remarks: BEFORE BEDROCK REFUSAL AT 12 FT DEPTH. "
"3K TANK FAILED VACUTEST WITH A GROSS LEAK, POSSIBLE VENT LINE, WILL
NOTIFY VMF."

All TTF:

Facility ID: 9007668
Spill Number: 9007668
Spill Tank Test: 1537709
Site ID: 231377
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 231377
Operable Unit ID: 948309
Operable Unit: 01
Material ID: 431514
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9213223 / 2001-05-11
Facility ID: 9213223
Facility Type: ER
DER Facility ID: 190688
Site ID: 231378
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 0301
Spill Date: 1993-02-27
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 1993-02-27
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USPS VEHICLE MAINT. FAC. (Continued)

S100146389

Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 1993-03-10
 Spill Record Last Update: 2001-05-15
 Spiller Name: Not reported
 Spiller Company: GERARD AVE VMF
 Spiller Address: Not reported
 Spiller Company: 001
 Contact Name: Not reported
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

MILLER 5/11/2001, OFF HOURS REPORT REASSIGNED FROM TANG TO RESPONDER MILLER. CROSS-REFERENCE TO SPILL REPORT NO. 9007668: SAME FACILITY. ACCORDING TO ATC REPORTS: NINE 550GAL GASOLINE USTS WERE REMOVED IN 1993 WITH APPROX. 22 TONS OF CONTAMINATED SOIL. 2000 SUBSURFACE INVESTIGATION SHOWED NO VISUAL, NO OLFACTORY, VERY LOW PID EVIDENCE OF CONTAMINATION/RELEASE; SOIL ANALYSIS SHOWED NON-DETECT FOR VOCS & PAH LEVELS WERE CONSISTENT WITH OBVIOUS FILL MATERIAL (i.e., COAL/ASPHALT); GROUND WATER ANALYSIS SHOWED NON-DETECT/TRACE PAHS & NON-DETECT/VERY LOW VOCS."

Remarks: "EXCAVATING TANK AT 580 GERARD, FOUND GASOLINE ODOR, TANKS ARE BEING REMOVED, VENTING AREA, WILL CONTRACT FOR ENGINEERING SVC. & REPAIR. ON MONDAY WILL COME BACK TO REMOVE ALL CONTAMINATION AND SOIL."

All Materials:

Site ID: 231378
 Operable Unit ID: 977548
 Operable Unit: 01
 Material ID: 403025
 Material Code: 0009
 Material Name: gasoline
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1.00
 Units: L
 Recovered: .00
 Oxygenate: Not reported

215
 South
 1/4-1/2
 0.406 mi.
 2142 ft.

SPILL NUMBER 9808791
75 CANAL ST
BRONX, NY

NY LTANKS S104619748
N/A

Relative:
Higher
Actual:
13 ft.

LTANKS:
 Spill Number/Closed Date: 9808791 / 1998-10-15
 Facility ID: 9808791
 Site ID: 163031
 Spill Date: 1998-10-13
 Spill Cause: Tank Overfill
 Spill Source: Commercial/Industrial
 Spill Class: C4
 Cleanup Ceased: Not reported
 SWIS: 0301
 Investigator: JXZHAO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 9808791 (Continued)

S104619748

Referred To: Not reported
Reported to Dept: 1998-10-15
CID: 382
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-10-15
Spill Record Last Update: 1998-10-16
Spiller Name: Not reported
Spiller Company: ISLAND TRANSPORTATION
Spiller Address: 299 EDISON AVE
Spiller County: 001
Spiller Contact: SCOTT ALNWICK
Spiller Phone: (718) 821-6900
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 137501
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO SPILL CONTAINED AND CLEANED UP."
Remarks: "DRIVER WAS FILLING UP AN INGROUND TANK AND OVERFILL RESULTED. DILUTION WAS INITIATED AS WELL AS SPEEDY DRY WAS USED."

All Materials:
Site ID: 163031
Operable Unit ID: 1066189
Operable Unit: 01
Material ID: 316277
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: 5.00
Oxygenate: Not reported

AE216 138TH ST / RIDER AVE /
SSE 138TH ST / RIDER AVE
1/4-1/2 NEW YORK, NY
0.407 mi.
2149 ft. **Site 2 of 5 in cluster AE**

NY LTANKS **S102671153**
N/A

Relative: LTANKS:
Higher Spill Number/Closed Date: 8607426 / 1987-03-07
Actual: Facility ID: 8607426
19 ft. Site ID: 163341
Spill Date: 1987-03-07
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Not reported
Cleanup Ceased: 1987-03-07
SWIS: 0301
Investigator: UNASSIGNED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138TH ST / RIDER AVE / (Continued)

S102671153

Referred To: Not reported
Reported to Dept: 1987-03-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1987-04-03
Spill Record Last Update: 2002-11-01
Spiller Name: Not reported
Spiller Company: LITC
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 274309
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks: "MPC WILL VACUUM SPILL AT 11:00."

All Materials:
Site ID: 163341
Operable Unit ID: 905180
Operable Unit: 01
Material ID: 472931
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

AE217
SSE
1/4-1/2
0.409 mi.
2161 ft.

PORT MORRIS REALTY LLC
242 EAST 138TH STREET
BRONX, NY 10451
Site 3 of 5 in cluster AE

NY LTANKS U003069066
NY UST N/A

Relative:
Higher
Actual:
19 ft.

LTANKS:
Spill Number/Closed Date: 9101289 / 2007-02-02
Facility ID: 9101289
Site ID: 297794
Spill Date: 1991-04-29
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: JBVOUGHT
Referred To: NO FILE
Reported to Dept: 1991-05-01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT MORRIS REALTY LLC (Continued)

U003069066

CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-05-02
Spill Record Last Update: 2007-02-02
Spiller Name: Not reported
Spiller Company: CITGO
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 240932
DEC Memo:

Remarks: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN REFER TO SPILL # 9101008 (PIN# 91214) 1/8/04 Reassigned from Sullivan to Sun. 12/16/2005 - Feng - Reassigned from Sun to Feng as per Sun. (RJF) 2/2/07-Vought-This spill reassigned from Feng to Vought due to existing PIN project on site. This spill closed and referred to open spill #9101008. Spill closed by Vought."
"(1)4K TANK,SYSTEM TEST,FAILED PETRO TITE WITH A GROSS LEAK,DEC INSTRUCTED CITGO TO INSTALL MONITORING WELLS."

All TTF:

Facility ID: 9101289
Spill Number: 9101289
Spill Tank Test: 1538517
Site ID: 297794
Tank Number: Not reported
Tank Size: 0
Material: 0008
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 297794
Operable Unit ID: 954876
Operable Unit: 01
Material ID: 427410
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT MORRIS REALTY LLC (Continued)

U003069066

Units: L
Recovered: .00
Oxygenate: Not reported

UST:

Id/Status: 2-600201 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590405.35962
UTM Y: 4518370.95838
Site Type: Other

Affiliation Records:

Site Id: 22184
Affiliation Type: Mail Contact
Company Name: TRANSCON INTERNATIONAL, INC.
Contact Type: Not reported
Contact Name: JOHN MULLANE
Address1: 234 RIDER AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: ((718) 585-1600
EMail: JMULLANE@TRANSCON-INTL.COM
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-03-02

Site Id: 22184
Affiliation Type: Facility Operator
Company Name: PORT MORRIS REALTY LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-03-02

Site Id: 22184
Affiliation Type: Emergency Contact
Company Name: PORT MORRIS REALTY LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT MORRIS REALTY LLC (Continued)

U003069066

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 349-0555
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-03-02

Site Id: 22184
Affiliation Type: Facility Owner
Company Name: PORT MORRIS REALTY LLC
Contact Type: MEMBER
Contact Name: JOHN MULLANE
Address1: 234 RIDER AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 585-1600
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2018-03-02

Tank Info:

Tank Number: 001
Tank ID: 41526
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: 02/14/2018
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 03/02/2018

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT MORRIS REALTY LLC (Continued)

U003069066

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 002
Tank ID: 41527
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: 02/14/2018
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 03/02/2018

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 003
Tank ID: 41528
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: 02/14/2018
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 03/02/2018

Equipment Records:

C02 - Pipe Location - Underground/On-ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PORT MORRIS REALTY LLC (Continued)

U003069066

G00 - Tank Secondary Containment - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 004
Tank ID: 41529
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: 02/14/2018
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 01/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 03/02/2018

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

AF218
West
1/4-1/2
0.412 mi.
2178 ft.

APT COMPLEX
101 W.140TH ST
MANHATTAN, NY
Site 2 of 2 in cluster AF

NY LTANKS **S102233285**
N/A

Relative:
Higher
Actual:
18 ft.

LTANKS:
Spill Number/Closed Date: 9514579 / 1996-11-22
Facility ID: 9514579
Site ID: 283313
Spill Date: 1996-02-14
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT COMPLEX (Continued)

S102233285

Referred To: Not reported
Reported to Dept: 1996-02-14
CID: 349
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-02-14
Spill Record Last Update: 1998-01-26
Spiller Name: KEVIN WILSON
Spiller Company: Not reported
Spiller Address: 101 W 140TH ST
Spiller County: 001
Spiller Contact: KEVIN WILSON
Spiller Phone: (212) 234-7802
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 229794
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY PTC."
Remarks: "ruptured tank - contained to boiler room - location is a multiple dwelling - clean in process"

All Materials:

Site ID: 283313
Operable Unit ID: 1025679
Operable Unit: 01
Material ID: 354709
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: G
Recovered: 200.00
Oxygenate: Not reported

Spill Number/Closed Date: 9814882 / 2003-11-19
Facility ID: 9814882
Site ID: 318950
Spill Date: 1999-03-15
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 1999-03-15
CID: 323
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT COMPLEX (Continued)

S102233285

Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-03-15
Spill Record Last Update: 2003-12-11
Spiller Name: CHRIS MCNEUR
Spiller Company: APT COMPLEX
Spiller Address: 101 W.140TH ST
Spiller County: 001
Spiller Contact: CHRIS MCNEUR
Spiller Phone: (212) 972-0700
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 257102
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 4:30PM 3/15- CALLED EASTMOND. TANK WAS CORRODED. 2.300 GALLONS IN TANK ROOM. EASTMOND EMPTIED TANK. PUT DOWN SPEEDY DRY. 4/1/99 CHRIS MCNEUR AT MAHA REALTY SAYS SITE WAS CLEANED UP AND TEMP TANKS WERE INSTALLED. OWNER IS THINKING ABOUT EITHER A NEW TANK OR REPAIRING THE OLD ONE. 5/20/99 CHRIS MCNEUR SAID MAHA REALTY NO LONGER MANAGES THIS BUILDING. THE OWNER WENT BANKRUPT AND MANAGEMENT OF THE BUILDING WAS TAKEN OVER BY NEW YORK CITY HPD. 1/17/2002 - Sangesland spoke with Tom Middleton (environmental consultant) who now works for the new owner of the property. Apparently the former property owner lost the building to the city. The city recently sold the building and now the new owner is trying to figure out what needs to be done to bring it into compliance. Mr. Middleton says he believes there is a new tank in the building, but this needs to be confirmed. Sangesland requested a submittal to the DEC including details of the original spill clean up, information related to either the repair or replacement for the subject tank and information on the present owner. As of 1/17/2002, the PBS records are out of date. (expired 1997) The new owner needs to update the PBS information and submit the appropriate PBS information. 3/21/2002 Sangesland received a 1 page letter from State Environmental Services, Inc. (718-265-3355) stating that the tank size was 3,000 (aboveground), it has a concrete Wrap in good condition, the area is clean and shows no leaks, a new seal gasket was installed and the tank and piping system tested tight on March 6, 2002. As of 3/21/2002 the PBS form still was out of date. Sangesland told Mr. Middleton that he needs to get the PBS paperwork straightened out before this spill number will be closed out. 11/19/2003 Sangesland received a copy of an updated PBS form (2-196525) for this site. Now that the PBS has been registered, the spill can be closed out."
Remarks: "CONTAINED IN A VAULTED AREA. TANK WILL BE REPALCED. EASTMAN CO CLEANED IT UP AND DID INSTALL TEMP. TANKS. ***MAY 20, 1999 UPDATE*** MAHA REALTY NO LONGER MANAGES THE BLDNG. ***NEW YORK CITY HPD TOOK OVER MANAGEMENT*** SEE DEC NOTES PAGE"
All Materials:
Site ID: 318950
Operable Unit ID: 1072744
Operable Unit: 01
Material ID: 311551
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT COMPLEX (Continued)

S102233285

Quantity: 200.00
Units: G
Recovered: 200.00
Oxygenate: Not reported

AG219
East
1/4-1/2
0.416 mi.
2197 ft.

556 MORRIS AVE
556 MORRIS AVE
BRONX, NY

NY LTANKS **S102673199**
N/A

Site 1 of 3 in cluster AG

Relative:
Higher

LTANKS:

Actual:
27 ft.

Spill Number/Closed Date: 9513120 / 1996-01-22
Facility ID: 9513120
Site ID: 287485
Spill Date: 1996-01-20
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: GUTIERREZ
Referred To: Not reported
Reported to Dept: 1996-01-20
CID: 322
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-01-20
Spill Record Last Update: 1996-02-02
Spiller Name: Not reported
Spiller Company: PETRO ASTORIA
Spiller Address: 36-16 19 TH AVE
Spiller County: 001
Spiller Contact: JOSEPH ESPOSITO
Spiller Phone: (718) 585-4709
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 232889
DEC Memo: ""
Remarks: "tank overfilled - only about 1 qt involved - spill has been cleaned"

All Materials:

Site ID: 287485
Operable Unit ID: 1027453
Operable Unit: 01
Material ID: 356850
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

556 MORRIS AVE (Continued)

S102673199

Recovered: 1.00
 Oxygenate: Not reported

**AE220
 SSE
 1/4-1/2
 0.418 mi.
 2206 ft.**

**RIDER AVENUE GAS STATION
 250 EAST 138TH STREET
 BRONX, NY 10451
 Site 4 of 5 in cluster AE**

**US BROWNFIELDS 1019322148
 N/A**

**Relative:
 Higher
 Actual:
 20 ft.**

US BROWNFIELDS:
 Property Name: RIDER AVENUE GAS STATION
 Recipient Name: New York, City of
 Grant Type: Assessment
 Property Number: Block 2320, Lot 66
 Parcel size: .26
 Latitude: 40.811164
 Longitude: -73.92810800000001
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 151042
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 2350
 Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA
 Cleanup Funding Entity: Not reported
 Grant Type: Petroleum
 Accomplishment Type: Phase I Environmental Assessment
 Accomplishment Count: 1
 Cooperative Agreement Number: 97257806
 Start Date: 03/05/2012 00:00:00
 Ownership Entity: Private
 Completion Date: 06/05/2012 00:00:00
 Current Owner: Think Big Auto Rent/Lease
 Did Owner Change: N
 Cleanup Required: U
 Video Available: N
 Photo Available: Y
 Institutional Controls Required: U
 IC Category Proprietary Controls: Not reported
 IC Cat. Info. Devices: Not reported
 IC Cat. Gov. Controls: Not reported
 IC Cat. Enforcement Permit Tools: Not reported
 IC in place date: Not reported
 IC in place: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIDER AVENUE GAS STATION (Continued)

1019322148

State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIDER AVENUE GAS STATION (Continued)

1019322148

Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Gas station with service area
Below Poverty Number:	12271
Below Poverty Percent:	39.1%
Meidan Income:	5174
Meidan Income Number:	21290
Meidan Income Percent:	67.9%
Vacant Housing Number:	1055
Vacant Housing Percent:	8.6%
Unemployed Number:	1887
Unemployed Percent:	6.0%

AE221
SSE
 1/4-1/2
 0.418 mi.
 2206 ft.

RIDER AVENUE GAS STATION
250 EAST 138TH STREET
BRONX, NY 10451
Site 5 of 5 in cluster AE

NY SHWS S113916758
N/A

Relative:
Higher
Actual:
20 ft.

SHWS:

Program:	HW
Site Code:	437424
Classification:	N
Region:	2
Acres:	0.258
HW Code:	203051
Record Add:	07/14/2010
Record Upd:	04/16/2013
Updated By:	RJCOZZY
Site Description:	Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since there is an ongoing State enforcement action.
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIDER AVENUE GAS STATION (Continued)

S113916758

Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Owner
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

**222
NW
1/4-1/2
0.419 mi.
2211 ft.**

**101-125 WEST 147TH ST.
101-125 WEST 147TH ST.
MANHATTAN, NY**

**NY LTANKS S100781908
N/A**

**Relative:
Higher
Actual:
12 ft.**

LTANKS:
Spill Number/Closed Date: 9308461 / 1994-05-16
Facility ID: 9308461
Site ID: 278382
Spill Date: 1993-10-13
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1994-05-16
SWIS: 3101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1993-10-13
CID: Not reported
Water Affected: HARLEM RIVER
Spill Notifier: Responsible Party
Last Inspection: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

101-125 WEST 147TH ST. (Continued)

S100781908

Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1993-10-13
 Spill Record Last Update: 1994-05-16
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 226036
 DEC Memo: ""
 Remarks: "CRACK IN UNDERGR. TANK LEAKING UNDERGROUND INTO RIVER. ALSO CALLED EPA - UST 3 TANKS ON SITE TRATING 2 BUILDING."

All Materials:
 Site ID: 278382
 Operable Unit ID: 989998
 Operable Unit: 01
 Material ID: 394688
 Material Code: 0003A
 Material Name: #6 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: Not reported
 Recovered: .00
 Oxygenate: Not reported

AH223
 ESE
 1/4-1/2
 0.421 mi.
 2221 ft.

**PATTERSON HOUSES -NYCHA
 301 EAST 143RD STREET
 BRONX, NY**

**NY LTANKS S118953802
 N/A**

Site 1 of 2 in cluster AH

**Relative:
 Higher
 Actual:
 27 ft.**

LTANKS:
 Spill Number/Closed Date: 9504190 / 2005-12-02
 Facility ID: 9504190
 Site ID: 125319
 Spill Date: 1995-07-07
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: C3
 Cleanup Ceased: Not reported
 SWIS: 0301
 Investigator: SWKRASZE
 Referred To: Not reported
 Reported to Dept: 1995-07-07
 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

PATTERSON HOUSES -NYCHA (Continued)

S118953802

Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-07-07
Spill Record Last Update: 2005-12-02
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 108400
DEC Memo: "12/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.
This spill closed to consolidate with open spill #0506695."
Remarks: "TANK #2 - GROSS FAILURE"

All TTF:

Facility ID: 9504190
Spill Number: 9504190
Spill Tank Test: 1543982
Site ID: 125319
Tank Number: 002
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 125319
Operable Unit ID: 1015296
Operable Unit: 01
Material ID: 365688
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AH224
ESE
1/4-1/2
0.421 mi.
2221 ft.

PATTERSON HOUSES
301 EAST 143RD STREET
BRONX, NY

NY LTANKS **S118953795**
N/A

Site 2 of 2 in cluster AH

Relative:
Higher
Actual:
27 ft.

LTANKS:

Spill Number/Closed Date: 9414368 / 1995-03-31
 Facility ID: 9414368
 Site ID: 125318
 Spill Date: 1995-01-19
 Spill Cause: Tank Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: B3
 Cleanup Ceased: 1995-03-31
 SWIS: 0301
 Investigator: HEALY
 Referred To: Not reported
 Reported to Dept: 1995-01-19
 CID: Not reported
 Water Affected: GROUNDWATER
 Spill Notifier: DEC
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1995-02-02
 Spill Record Last Update: 1995-03-31
 Spiller Name: Not reported
 Spiller Company: NYC HOUSING AUTHORITY
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 108400
 DEC Memo: ""
 Remarks: "BROKEN FUEL LINES. SEEPAGE BEGAN IN NOVEMBER, HAS CONTINUED UNABATED. NYCHA TO REPLACE FUEL LINES."

All Materials:

Site ID: 125318
 Operable Unit ID: 1007947
 Operable Unit: 01
 Material ID: 373110
 Material Code: 0003A
 Material Name: #6 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AI225 **120-128 W.145TH ST**
WNW **120-128 W.145TH ST**
1/4-1/2 **NEW YORK CITY, NY**
0.424 mi.
2241 ft. **Site 1 of 3 in cluster AI**

NY LTANKS **S104275479**
N/A

Relative:
Higher
Actual:
19 ft.

LTANKS:
 Spill Number/Closed Date: 8606425 / 1987-08-21
 Facility ID: 8606425
 Site ID: 181462
 Spill Date: 1987-01-13
 Spill Cause: Tank Test Failure
 Spill Source: Gasoline Station or other PBS Facility
 Spill Class: Not reported
 Cleanup Ceased: 1987-08-21
 SWIS: 3101
 Investigator: UNASSIGNED
 Referred To: Not reported
 Reported to Dept: 1987-01-15
 CID: Not reported
 Water Affected: NONE
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: True
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 1987-02-11
 Spill Record Last Update: 2004-04-21
 Spiller Name: Not reported
 Spiller Company: MERIT SERVICE
 Spiller Address: 120-28 W 145 ST.
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 152167
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was 10/10/95: This is additional information about material spilled from the translation of the old spill file: UNKNOWN AMOUNT."
 Remarks: "4K AND 2K UNDERGROUND TANK SYSTEM PREMIUM NO LEAD WOULD NOT HOLD IN STANDPIPE.2K AND TWO 4K UNDERGROUND TANK SYSTEM.SEE HISTORY"

All TTF:
 Facility ID: 8606425
 Spill Number: 8606425
 Spill Tank Test: 1530504
 Site ID: 181462
 Tank Number: Not reported
 Tank Size: 0
 Material: 0009
 EPA UST: Not reported
 UST: Not reported
 Cause: Not reported
 Source: Not reported
 Test Method: 00
 Test Method 2: Unknown
 Leak Rate: .00
 Gross Fail: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

120-128 W.145TH ST (Continued)

S104275479

Modified By: Spills
 Last Modified Date: Not reported

All Materials:

Site ID: 181462
 Operable Unit ID: 904007
 Operable Unit: 01
 Material ID: 475545
 Material Code: 0009
 Material Name: gasoline
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

226
SSE
1/4-1/2
0.426 mi.
2251 ft.

FORMER G & C SERVICES
255 EAST 138TH STREET
BRONX, NY 10451

NY ENG CONTROLS
NY INST CONTROL
NY BROWNFIELDS

S110768286
N/A

Relative:
Higher
Actual:
21 ft.

ENG CONTROLS:

Site Code: 444720
 HW Code: C203057
 Control Code: 15
 Control Type: ENG
 Date Record Added: 09/28/2016
 Date Rec Updated: 07/24/2018
 Updated By: YYWONG

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as

FORMER G & C SERVICES (Continued)

S110768286

concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging

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Health Problem: from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America

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MAP FINDINGS

Site

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Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057

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Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code: 25

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FORMER G & C SERVICES (Continued)

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Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

INST CONTROL:

Site Code: 444720
Control Name: Soil Management Plan
HW Code: C203057
Control Code: 14
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point

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FORMER G & C SERVICES (Continued)

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samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m³) to 373 ug/m³. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is

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served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN

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Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported

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Elevation

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HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

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EPA ID Number

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Site Code: 444720
Control Name: Environmental Easement
HW Code: C203057
Control Code: J
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the

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Distance
Elevation

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site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

Site Code: 444720
Control Name: Site Management Plan
HW Code: C203057
Control Code: 32
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000

MAP FINDINGS

FORMER G & C SERVICES (Continued)

S110768286

square feet and has a new mixed-use retail/residential building..
Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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EPA ID Number

FORMER G & C SERVICES (Continued)

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and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

Site Code: 444720
Control Name: IC/EC Plan
HW Code: C203057
Control Code: 34
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012).

FORMER G & C SERVICES (Continued)

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Env Problem:

Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

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Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

Site Code: 444720
Control Name: Monitoring Plan
HW Code: C203057
Control Code: 31
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not

FORMER G & C SERVICES (Continued)

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been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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pose a significant threat to human health or the environment.
Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

Site Code: 444720
Control Name: Landuse Restriction
HW Code: C203057
Control Code: 25
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during

MAP FINDINGS

FORMER G & C SERVICES (Continued)

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the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

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move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

Site Code: 444720
Control Name: Ground Water Use Restriction
HW Code: C203057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Control Code: 08
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 07/24/2018
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2011-02-04 09:35:00
Record Upd: 2013-12-05 11:20:00
Updated By: JHOCONNE
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 2016-12-14 11:42:00
Record Updated: 2016-12-14 11:42:00
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-09-28 10:48:00
Record Updated: 2016-09-28 10:48:00
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2016-09-28 10:47:00
Record Updated: 2016-09-28 10:47:00
Updated By: YYWONG

BROWNFIELDS:

Program: BCP
Site Code: 444720
Acres: 0.468
HW Code: C203057
SWIS: 0301
Town: New York City
Record Added Date: 02/03/2011
Record Updated Date: 01/12/2018
Update By: JHOCONNE
Site Description:

Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and has a new mixed-use retail/residential building.. Current Zoning and Land Use: The property is in a special mixed-use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Env Problem:

district, zoned M1-4/R7X (manufacturing/ residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Health Problem:

a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2011-02-04 09:35:00
Record Upd:	2013-12-05 11:20:00
Updated By:	JHOCONNE
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Roger Pine
Owner Company:	East 138th Street LLC c/o Lettire Construction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner Address:	Lettire Construction Corp
Owner Addr2:	334-336 East 110th Street
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Jeanine Thomas-Cross
Owner Company:	Mott Haven Library
Owner Address:	321 East 140th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10454
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	Daniel M. Cohen
Owner Company:	HP East 138th Street Housing Development Fund Company, Inc.
Owner Address:	242 West 36th Street
Owner Addr2:	Third Floor
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	Nicholas Lettire
Owner Company:	East 138th Street LLC
Owner Address:	334-336 East 110th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	C203057
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COBALT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	DIBENZ[A,H]ANTHRACENE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-610647
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2016-12-14 11:42:00
Record Updated:	2016-12-14 11:42:00
Updated By:	JAAVERSA
Crossref ID:	C203057-05-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2016-09-28 10:48:00
Record Updated:	2016-09-28 10:48:00
Updated By:	YYWONG
Crossref ID:	2016000336912
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2016-09-28 10:48:00
Record Updated:	2016-09-28 10:48:00
Updated By:	YYWONG
Crossref ID:	2011-05-19
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2016-09-28 10:47:00
Record Updated:	2016-09-28 10:47:00
Updated By:	YYWONG

AG227
East
1/4-1/2
0.432 mi.
2279 ft.

LINCOLN MEDICAL CENTER
234 EAST 149TH ST
BRONX, NY
Site 2 of 3 in cluster AG

NY LTANKS **S106385467**
NY Spills **N/A**

Relative:
Higher
Actual:
28 ft.

LTANKS:

Spill Number/Closed Date:	0313236 / 2006-01-06
Facility ID:	0313236
Site ID:	211660
Spill Date:	2004-03-02
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	E6
Cleanup Ceased:	Not reported
SWIS:	0301
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	2004-03-02
CID:	403
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Date Entered In Computer: 2004-03-02
Spill Record Last Update: 2006-09-26
Spiller Name: EDWARD ZAMNETT
Spiller Company: LINCOLN MEDICAL CENTER
Spiller Address: 234 EAST 149TH ST
Spiller County: 001
Spiller Contact: EDWARD ZAMNETT
Spiller Phone: (718) 579-5683
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 175403
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 8/18/04 tiple updating/////Island tank 718-967-9424 doing work//investigating tank #1//tank #4 failed///// Spill assigned to James Drumm for SCI 11/7/05 tank was repaired and re-tested. passed. report in file 08/29/06-Vought-Received message from Brian Shaw (212-922-0777) asking whether tanks could be used. Vought returned call and unable to leave message as number left is not correct number for Shaw. 9/26/06 spoke to J. Drumm of CO. Spill was closed 1/06: report reviewed by Reg. 2 staff prior to 1/06. sent NFA letter at request of Edward Zammet of lincoln Medical Center. bf"
Remarks: "tank test failure. they are unable to reach a pressure set type.possible man way gasket leak."

All TTF:

Facility ID: 0313236
Spill Number: 0313236
Spill Tank Test: 1529014
Site ID: 211660
Tank Number: 4
Tank Size: 50000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 14
Test Method 2: VacuTest
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 211660
Operable Unit ID: 878475
Operable Unit: 01
Material ID: 498394
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Spill Number/Closed Date: 9310375 / 1993-11-27
Facility ID: 9310375
Site ID: 235057
Spill Date: 1993-11-26
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1993-11-27
SWIS: 0301
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1993-11-26
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-11-30
Spill Record Last Update: 1993-12-01
Spiller Name: Not reported
Spiller Company: unk.
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 193601
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "TANK OVERFLOW INTO SEWER, DEP ON SCENE TO CLEAN."

All Materials:

Site ID: 235057
Operable Unit ID: 992089
Operable Unit: 01
Material ID: 392989
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 1502628 / Not Reported
Facility ID: 1502628
Site ID: 508906
Spill Date: 2015-06-09
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

SWIS: 0301
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 2015-06-09
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 2015-06-09
Spill Record Last Update: 2016-10-05
Spiller Name: ANGELO
Spiller Company: LINCOLN HOSPITAL
Spiller Address: 234 EAST 149TH ST
Spiller County: 999
Spiller Contact: RICKY ROUFF
Spiller Phone: (917) 593-2154
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 175403
DEC Memo: "6/9/2015 - Feng - Duty Desk. Left message to Ricky Rouff (917-593-2154) and Angelo (917-741-9345). 6/16/2015 - Feng - Left a message to John Healy (718-579-5680) 08/28/15-Hiralkumar Patel. case transferred as part of ongoing investigation under spill #: 0204573. DEC Hansley sent TTF letter on 06/16/15, but no response yet. alternate address: 212-268 East 149th Street, 415 Morris Ave, 419-541 Morris Ave, 2824 Park Ave, 201-219 East 146th Street, 410-448 Canal Place, 229-245 East 144th Street PBS #: 2-327727. as per PBS record, the site has/had following tanks: - four (4) 50,000 gal #2 oil USTs, in-service, installed in Sep. 1970 - two (2) 10,000 gal diesel USTs, in-service, installed in Sep. 1970 - one (1) 100 gal diesel AST in contact with impervious barrier, in-service, installed in Sep. 1970 - one (1) 275 gal diesel AST in contact with impervious barrier, in-service, installed in Oct. 2009 - one (1) 100 gal diesel AST on legs, removed in Nov. 2009 PBS registration expired on 08/28/2012. ----- other spills: 9208811, 9310375, 9515003, 0204573, 0313236, 0912680, 0912687, 1206812 spill #: 9208811 was reported on 10/30/1992 due to 3 gal #2 oil spill. case closed. spill #: 9310375 was reported on 11/26/1993 as 30 gal #6 oil spilled into sewer due to tank overflow. case closed. spill #: 9515003 was reported on 02/22/1996 as 30 gal #6 oil spilled due to truck malfunction. case closed. spill #: 0204573 was reported on 07/31/2002 due to findings of soil contamination. case still open. spill #: 0313236 was reported on 03/02/2004 as 50,000 gal #2 oil tank (tank # 4) failed a tightness test. tank was repaired and tested tight. case closed. spill #: 0912680 was reported on 03/05/2010 as 25 gal diesel spilled onto parking lot and storm drain due to overflow. case closed and referred to spill #: 0912687. spill #: 0912687 was reported on 03/05/2010 due to diesel spill onto parking lot and storm drain. case closed. spill #: 1206812 was reported on 10/10/2012 as 10,000 gal diesel tank (tank # 6) failed a tightness test due to loose gasket. case closed. Lincoln Hospital 234 E 149th Street Bronx, NY 10451 Attn.: Patrick Hallahan Chief Engineer Ph. (718) 579-5680 (O) email: patrick.hallahan@nychhc.org NYC Health & Hospitals Corp. 125 Worth

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Street New York, NY 10013 Attn.: Ramanathan Raju Ph. (212) 788-3321
12/04/15-Hiralkumar Patel. received letter from Leonard Balgobin
(718-579-5071) from NYCHHC. he mentioned that Woodard and Curran has
been hired to assist in complying with PBS requirements.
06/09/16-Hiralkumar Patel. 3:48 PM:- left message for Mr. Hallahan.
3:59 PM:- sent email to Mr. Hallahan including copy of letter dated
06/16/15. asked him to submit required documents immediately.
10/05/16-Hiralkumar Patel. after discussing with DEC Vought and DEC
Zhune, case assigned to DEC Zhune. **PBS expired. ** **refer to spill
#: 0204573 also.**"

Remarks: "50000 gallon tank"

All Materials:

Site ID: 508906
Operable Unit ID: 1258203
Operable Unit: 01
Material ID: 2261325
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9208811 / 1992-10-30
Facility ID: 9208811
Facility Type: ER
DER Facility ID: 193601
Site ID: 235056
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 0301
Spill Date: 1992-10-30
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-10-30
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: 1992-10-30
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-11-04
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "CLEANED BY HOSPITAL MAINTENANCE CREW IT IS ON CONCRETE"
All Materials:
Site ID: 235056
Operable Unit ID: 972349
Operable Unit: 01
Material ID: 405889
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: G
Recovered: .00
Oxygenate: Not reported

AG228
East
1/4-1/2
0.432 mi.
2279 ft.

LINCOLN HOSPITAL
234 E 149TH ST
BRONX, NY
Site 3 of 3 in cluster AG

NY LTANKS **S106006138**
NY Spills **N/A**

Relative:
Higher
Actual:
28 ft.

LTANKS:
Spill Number/Closed Date: 1206812 / 2015-08-28
Facility ID: 1206812
Site ID: 469829
Spill Date: 2012-10-10
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2012-10-10
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2012-10-10
Spill Record Last Update: 2015-08-28
Spiller Name: Not reported
Spiller Company: LINCOLN HOSPITAL
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: JOHN HEALEY
Spiller Phone: (718) 579-5680
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 193601

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

DEC Memo: "Ricky told me that this is a 'Dry Leak', loose gasket.No oil spill observed. Next step:To call John to confirm gasket has been repaired and tank passed the test.(sr) 11/5/12 Passing and failing ttt reports for Tank 005 put in e-docs. Passing test was processed today. bf 08/28/15-Hiralkumar Patel. while reviewing spill/pbs database for the subject site as part of investigation under spill #: 0204573, found this open spill case. the subject spill was reported on 10/10/12 as 10,000 gal diesel tank (tank #6) failed a tightness test. as per the caller, a dry leak was noted due to loose gasket and no spill was observed. found a passing test result for tank # 6 dated 11/30/2012 on PBS record. based on record available on PBS file, case closed."

Remarks: "Tank test fail"

All Materials:

Site ID: 469829
Operable Unit ID: 1219716
Operable Unit: 01
Material ID: 2218249
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 0204573 / 2015-12-02
Facility ID: 0204573
Facility Type: ER
DER Facility ID: 77980
Site ID: 84826
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 0301
Spill Date: 2002-07-30
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2002-07-31
CID: 207
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-07-31
Spill Record Last Update: 2015-12-02
Spiller Name: ANTHONY J LARA
Spiller Company: LINCOLN HOSPITAL
Spiller Address: 234 E 149TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

Spiller Company:
Contact Name:
DEC Memo:

001
ANTHONY J LARA
"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 7/31/2002 - Sangesland spoke with Isaac at Petroleum Tank Cleaners (718-624-4842). PTC was doing some excavations around the stick valves of several buried tanks at Lincoln Hospital. PTC has started excavations in the area and will continue with hopes of getting clean end point samples. Tanks were probably tank tested recently. Sangesland will check PBS for the site. 8/2/2002 - Sangesland spoke with Isaac at PTC. He said they dug out quite a bit of contaminated soil, but didn't get it all. Because of the location of the excavation, PTC had to back fill the site with sand. PTC says they found an old gasoline tank which was empty, but had not been closed out. This tank was located adjacent to the fuel oil tanks they knew about. PTC was given direction to: 1) Delineate the site in 3-D. 2) Determine GW level and direction 3) Prepare & submit a remediation work plan 4) Process the documentation to properly close out the tank(PBS) 8/2/2002 - Mark Robbins contacted the DEC to say his firm (HydroTech 631-462-5866) was going to bid on doing a delineation/remediation at the site. 8/13/2002 Sangesland spoke with Mark Robbins. Mr. Robbins requested a letter from the DEC outlining the list of work required on this site. This is needed by the Hospital to process a purchase order. 4/29/2005 Sangesland spoke to Mark Robbins at HydroTech. They have 4 wells which have been under long term monitoring. Mark believes the site may be close to close out. 05/27/14-Hiralkumar Patel. with approval from DEC DeMeo, case transferred from DEC Sangesland to DEC Patel. 06/03/14-Hiralkumar Patel. visited site. met John Healy at the hospital. informed him about an open spill case. he has no knowledge of this case as he was not working at the facility in 2002. as per PBS record, the site has total of eight (8) active tanks. he mentioned that one 1(1) 10,000 gal diesel UST is located along E 149th Street. two days tanks (one 100 gal and one 275 gal) for diesel product are on building's roof. the remaining five (5) tanks (one 10,000 gal diesel and four 50,000 gal #2 fuel oil) are located underground, in front of the EMS entrance along Park Ave. found total of six (6) monitoring wells around the tank field along Park Ave. Mr. Healy mentioned that there was an old gasoline UST in area of fuel oil tank field. he will look for any environmental reports. asked him to check and sample existing monitoring wells at the site. John Healy Sr. Stationary Engineer Engineering Department Lincoln Hospital 234 E 149th Street Bronx, NY 10451 Ph. (718) 579-5680 (O) (347) 865-3201 (C) Fax (718) 579-4758 email: john.healy@nychhc.org reviewed available documents:

-***** 1) 08/14/2002: DEC Sangesland sent letter requiring complete delineation and submission of RAP. 2) 09/10/2002: Subsurface Investigation Report: - prepared by HydroTech - five USTs (4 - 50,000 gal fuel oil, 1 - 10,000 gal diesel) are situated beneath the asphalt parking lot to the west of emergency room - boiler plant is situated to the south of the parking lot - all five tanks are situated in north-south direction - a former dispenser is situated on top of a concrete island that is located to the north of the 10,000 gal diesel tank - PTC was contracted to replace direct fill pipes associated with each UST - identified petroleum impacted soil during the installation of fill pipes for diesel UST - impacted soil extended to at least a depth of 8 ft bg - a soil sample was collected for fingerprint analysis; result indicated that the petroleum most

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

closely resembled fuel oil 1 with a very slight presence of gasoline - subsurface investigation conducted in Aug. 2002 - installed four soil borings (SP-1 through SP-4) - boring SP-1 was installed to 16 ft bg, where refusal was encountered - borings SP-2, SP-3 and SP-4 were installed to 20 ft bg; no refusal encountered in these borings - found PID readings between 463 and 693 ppm from 0 to 16 ft bg in SP-1; maximum PID reading found at 16 ft bg where refusal encountered - in SP-2, found PID reading of 382 ppm at 16-18 ft bg and 189 ppm at 18-20 ft bg - in SP-3, found PID readings between 289 and 628 ppm from 8 to 18 ft bg; 24 ppm recorded at 18-20 ft bg - in SP-4, found PID reading of 486 ppm at 14-16 ft bg and 102 ppm at 16-18 ft bg - total five soil samples were collected (two from SP-1, and one each from SP-2, SP-3 and SP-4) - water table was identified at 12 to 16 ft bg ----- soil analyticals:

	SP-1	SP-1	SP-3	SP-4
6-8 ft	14-16 ft	16-18 ft	14-16 ft	
Benzene	2,500*	500*	133	
Toluene	14,264	4,377		
Ethylbenzene	21,926	3,700	1,733	
Xylene	235,404	34,344	1,165	3,304
1,2,4-Trimethylbenzene	148,000	23,700	1,229	4,390
1,3,5-Trimethylbenzene	67,355	7,236	222	1,853
Naphthalene	39,890	3,987	7,059	2,428
MTBE	2,500*	500*	1,324	* - higher

detection limit 3) 10/22/2003 - Sep. 2003 Monitoring Report: - two monitoring wells (MW-1 and MW-2) were monitored bi-weekly - no product found 4) 11/11/2003 - Oct. 2003 Monitoring Report: - two monitoring wells (MW-1 and MW-2) were monitored bi-weekly - no product found 5) 12/05/2003 - Nov. 2003 Monitoring Report: - two monitoring wells (MW-1 and MW-2) were monitored bi-weekly - no product found 6) 01/27/2004 - Dec. 2003 Monitoring Report: - two monitoring wells (MW-1 and MW-2) were monitored bi-weekly - no product found 7) 03/23/2004 - Feb. 2004 Monitoring Report: - two monitoring wells (MW-1 and MW-2) were monitored bi-weekly - no product found

-***** 06/16/14-Hiralkumar Patel. 1:07 PM:- left message at HydroTech. 1:09 PM:- left message for Mr. Healy. 1:19 PM:- received call from Mr. Healy. he has contacted Hydro Tech for any available documents, but neither Hydro Tech nor property owner has any document related to this spill case. based on available information, informed Mr. Healy that the department requires collection and analysis of groundwater samples from existing monitoring wells. 2:02 PM:- sent email to Mr. Healy. asked him to submit results of groundwater samples and site-specific groundwater flow direction by the end of 07/18/14. email copied to Mark Robbins at Hydro Tech. 10/01/14-Hiralkumar Patel. 10:36 AM:- left message for Mr. Healy. 10:46 AM:- sent email to Mr. Healy including copy of email dated 06/16/14. informed him that the report must be submitted immediately. email copied to Mark at HydroTech. 10/07/14-Hiralkumar Patel. 9:33 AM:- received email from Mr. Healy stating that Hydrotech is no longer their vendor and he will contact Woodard & Curran. 11/18/14-Hiralkumar Patel. 1:08 PM:- left message for Mr. Healy. 11/19/14-Hiralkumar Patel. received email from Mr. Healy (at 10:07 PM on 11/18/14) including copy of quote from Woodard & Curran. he received quote yesterday and waiting for approval. 08/28/15-Hiralkumar Patel. alternate address: 212-268 East 149th

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

Street, 415 Morris Ave, 419-541 Morris Ave, 2824 Park Ave, 201-219 East 146th Street, 410-448 Canal Place, 229-245 East 144th Street PBS #: 2-327727. as per PBS record, the site has/had following tanks: - four (4) 50,000 gal #2 oil USTs, in-service, installed in Sep. 1970 - two (2) 10,000 gal diesel USTs, in-service, installed in Sep. 1970 - one (1) 100 gal diesel AST in contact with impervious barrier, in-service, installed in Sep. 1970 - one (1) 275 gal diesel AST in contact with impervious barrier, in-service, installed in Oct. 2009 - one (1) 100 gal diesel AST on legs, removed in Nov. 2009 PBS registration expired on 08/28/2012. ----- other spills: 9208811, 9310375, 9515003, 0313236, 0912680, 0912687, 1206812, 1502628 spill #: 9208811 was reported on 10/30/1992 due to 3 gal #2 oil spill. case closed. spill #: 9310375 was reported on 11/26/1993 as 30 gal #6 oil spilled into sewer due to tank overflow. case closed. spill #: 9515003 was reported on 02/22/1996 as 30 gal #6 oil spilled due to truck malfunction. case closed. spill #: 0313236 was reported on 03/02/2004 as 50,000 gal #2 oil tank (tank # 4) failed a tightness test. tank was repaired and tested tight. case closed. spill #: 0912680 was reported on 03/05/2010 as 25 gal diesel spilled onto parking lot and storm drain due to overflow. case closed and referred to spill #: 0912687. spill #: 0912687 was reported on 03/05/2010 due to diesel spill onto parking lot and storm drain. case closed. spill #: 1206812 was reported on 10/10/2012 as 10,000 gal diesel tank (tank # 6) failed a tightness test due to loose gasket. case closed. spill #: 1502628 was reported on 06/09/2015 as 50,000 gal #2 fuel oil tank failed a tightness test. case still open. a TTF letter was sent on 06/16/2015. 1:02 PM:- spoke with Angelo (718-579-4645) in facility department. he mentioned that John Healy is no longer working at the site. he asked to contact Patrick Hallahan. Patrick Hallahan Chief Engineer Ph. (718) 579-5680 email: patrick.hallahan@nychhc.org 1:05 PM:- left message for Mr. Hallahan. 1:11 PM:- spoke with Dave Krochko (914-448-2266) at Woodard & Curran regarding gw sampling activities. he mentioned that they never received signed proposal from the property owner and still waiting for reply. 2:53 PM:- called office of NYC Health and Hospitals Corp. for point-of-contact regarding the site. site representative asked to send letter to Mr. Raju's attention. NYC Health & Hospitals Corp. 125 Worth Street New York, NY 10013 Attn.: Ramanathan Raju Ph. (212) 788-3321 3:20 PM:- sent letter to Mr. Hallahan and Mr. Raju including copy of letter dated 08/14/2002 and email dated 06/16/2014. asked them to submit report by the end of 10/16/15 including groundwater sample results and flow direction. also asked them to immediately renew PBS registration. letter emailed to Mr. Hallahan. 09/18/15-Hiralkumar Patel. 11:53 AM:- received message from Evan Trumpatori. he inspected site yesterday to verify location of each monitoring well. during inspection, he noted that five of the wells are actually stick lines for USTs. he only found two (2) 1-inch wells. Evan Trumpatori Woodard & Curran Ph. (914) 294-2414 (O) (631) 662-9991 (C) email: etrumpatori@woodardcurran.com 1:25 PM:- spoke with Evan. asked him to sample the two existing wells. 10/20/15-Hiralkumar Patel. received email from Evan (at 4:32 PM on 10/15/15) including sampling report. abstract: - the nearest surface body is the Harlem River, located approx. 1,800 ft west of the site - five of the seven reported monitoring wells were product level gauging ports for USTs - the remaining were 1-inch wells - no free product was present in either well - marginally elevated PID readings (6.5 ppm in MW-1 and 0.3 ppm in MW-2) were noted in both wells and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

petroleum odor was observed in well MW-2 - both wells were installed to a depth of approx. 20 ft bg - depth to groundwater was approx. 15 ft bg ----- - few VOC compounds noted above limit (max. 46 ppb of n-Propylbenzene) - recommended installation of an additional monitoring wells to determine site specific groundwater flow direction report includes google view of the site with two well locations, but does not include site sketch with tank systems and its gauging ports. 10:07 AM:- sent email to Evan and asked to submit a site sketch including tank systems, its gauge ports and existing wells. email copied to Leonard Balgobin (Leonard.Balgobin@nychhc.org), Dave Krochko (dkrochko@woodardcurran.com) and Michael Heijden (mvanderheijden@woodardcurran.com). PBS registration has not been renewed yet. 10/23/15-Hiralkumar Patel. 9:22 AM:- received email from Evan including a google view. as per the submitted map, the north end of the four 50,000 gal tanks are under the existing building. 10/26/15-Hiralkumar Patel. 10:17 AM:- spoke with Evan and inquired him about position of north end of the four 50,000 gal tanks (under the building?). he mentioned that the google pic is old and currently there is a paved concrete area. so north end of the tanks are not under the building. asked Evan to submit a line drawing (with scale). 11/06/15-Hiralkumar Patel. 1:58 PM:- received email from Evan including a scaled site map. 12/02/15-Hiralkumar Patel. after discussing with DEC DeMeo, case closed based on available information (source removal, minimal impact to groundwater and no planned change of property use). PBS registration has not been renewed yet. 2:01 PM:- sent spill closure letter to Mr. Hallahan. letter emailed to Mr. Hallahan and Evan. **also refer spill #: 1502628.**
"cleanup in progress"

Remarks:
All Materials:
Site ID: 84826
Operable Unit ID: 857326
Operable Unit: 01
Material ID: 518819
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9515003 / 1996-02-22
Facility ID: 9515003
Facility Type: ER
DER Facility ID: 264984
Site ID: 329276
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 0301
Spill Date: 1996-02-22
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1996-02-22

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOSPITAL (Continued)

S106006138

CID: 257
Water Affected: Not reported
Spill Source: Commercial Vehicle
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: 1996-02-22
Spill Record Last Update: 2005-11-30
Spiller Name: JIM CAREY
Spiller Company: CASTLE OIL CORPORATION
Spiller Address: 290 LOCUST AVENUE
Spiller Company: 001
Contact Name: NICK BARTON
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT # FOR LINCOLN MEDICAL - BUSY - 993-3860 CALLED MR. BARTON, D'AMICO - ENGINEER ON DUTY - SENT GUY OUT TO CHECK - ALL CLEAN - SAID CASTLE WAS DILIGENT"

Remarks: "truck malfunction cleanup crew there cleaning up now"

All Materials:

Site ID: 329276
Operable Unit ID: 1026111
Operable Unit: 01
Material ID: 355129
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: G
Recovered: 30.00
Oxygenate: Not reported

AI229
WNW
1/4-1/2
0.432 mi.
2283 ft.

120-128 WEST 145TH STREET
120-128 WEST 145TH STREET
MANHATTAN, NY

NY LTANKS **S104275681**
N/A

Site 2 of 3 in cluster AI

Relative:
Higher

LTANKS:

Actual:
19 ft.

Spill Number/Closed Date: 9210186 / 1994-07-22
Facility ID: 9210186
Site ID: 220577
Spill Date: 1992-12-02
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: C4
Cleanup Ceased: 1994-07-22
SWIS: 3101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1992-12-02
CID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

120-128 WEST 145TH STREET (Continued)

S104275681

Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1992-12-03
Spill Record Last Update: 1994-08-02
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 182450
DEC Memo: ""
Remarks: "2X4K AND 1X2K-MANIFOLDED-NO ACTION YET-WILL EIR TOMORROW"

All TTF:

Facility ID: 9210186
Spill Number: 9210186
Spill Tank Test: 1540916
Site ID: 220577
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 220577
Operable Unit ID: 974287
Operable Unit: 01
Material ID: 407187
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

230
SW
1/4-1/2
0.434 mi.
2291 ft.

RIVERTON APARTMENTS
2225-2237 5TH AVE
NEW YORK, NY

NY LTANKS S106385597
N/A

Relative:
Higher
Actual:
11 ft.

LTANKS:

Spill Number/Closed Date: 0313699 / 2006-06-19
Facility ID: 0313699
Site ID: 260631
Spill Date: 2004-03-15
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: Unassigned
Referred To: Not reported
Reported to Dept: 2004-03-15
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-03-15
Spill Record Last Update: 2008-08-21
Spiller Name: ADAM HOLLAR
Spiller Company: RIVERTON APARTMENTS
Spiller Address: 22-25 5TH AVE
Spiller County: 999
Spiller Contact: ADAM HOLLAR
Spiller Phone: (212) 234-7500
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 212873
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO send TTF letter. 7/26/04 Tipple spoke with Mr. Hollar, Tim DeMeo working on site with Mr. Hollar///cleanup in progress///Site transferred to DeMeo, spill report faxed to Mr. Hollar, tank and contaminated soil to be removed Durnin: This spill was associated with spill 0312468 (#2 oil seeping from 25,000 gal. UST into basement) which was closed on May 16, 2006. This spill, #0313699, was a tank test failure of the same 25,000 gal. UST. Durnin:August 23, 2005-Airtek Environmental Corp. was hired to oversee the removal and replacement of the 25,000 gallon UST. Durnin:August 25, 2005-Durnin visits site to witness tank excavation pit and affected basement. Durnin:August 31, 2005- Durnin visits site to witness installation of new 25,000 gallon UST. Durnin: February 13, 2006-Airtek Environmental Corp. submits a Remedial Action Report, Exposure Assessment report and a CD of photographs. Durnin:The Remedial Action Report was reviewed and approved on April 17, 2006. Durnin:Spill No. 0313699 was closed based on the Remedial Action Report and a subsequent site investigation findings by the Owner s environmental consultant. Durnin:The site was closed on June 19, 2006."

Remarks:

"DRY LERAK AND THEY HANDLING IT AT THIS TIME:"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERTON APARTMENTS (Continued)

S106385597

All Materials:
Site ID: 260631
Operable Unit ID: 880814
Operable Unit: 01
Material ID: 495296
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

**AJ231
NE
1/4-1/2
0.451 mi.
2380 ft.**

**730 GRAND CONCOURSE
730 GRAND CONCOURSE
BRONX, NY**

**NY LTANKS S101508249
NY Spills N/A**

Site 1 of 3 in cluster AJ

**Relative:
Higher
Actual:
62 ft.**

LTANKS:
Spill Number/Closed Date: 9414927 / 1995-02-24
Facility ID: 9414927
Site ID: 100890
Spill Date: 1995-02-13
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1995-02-24
SWIS: 0301
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1995-02-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-02-15
Spill Record Last Update: 1995-03-16
Spiller Name: Not reported
Spiller Company: COUNTY OIL
Spiller Address: 18-85 42ND ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 89474
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY "
Remarks: "DRIVER WAS FILLING THE TAK FOR AN APARTMENT COMPLEX AND OVERFILLED THE TANK- ABSORBENTS WERE PUT DOWN- UNK IF PICKED UP"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

730 GRAND CONCOURSE (Continued)

S101508249

All Materials:

Site ID: 100890
Operable Unit ID: 1012351
Operable Unit: 01
Material ID: 373648
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9614169 / 1997-03-06
Facility ID: 9614169
Facility Type: ER
DER Facility ID: 89474
Site ID: 100891
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 0301
Spill Date: 1997-03-06
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1997-03-06
CID: 257
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-03-06
Spill Record Last Update: 1997-03-07
Spiller Name: Not reported
Spiller Company: T&S TRUCKING
Spiller Address: 53 2ND AVE
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT 5K TANK NOT REGISTERED. CASTLE CLEANED-UP CREW THERE."
Remarks: "BAD VENT OIL CAME BACK THROUGH VENT CLEANUP CREW ON THE WAY TO CLEAN UP SPILL"

All Materials:

Site ID: 100891
Operable Unit ID: 1041705
Operable Unit: 01
Material ID: 339278
Material Code: 0003A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

730 GRAND CONCOURSE (Continued)

S101508249

Material Name: #6 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 10.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

**AJ232
 NE
 1/4-1/2
 0.455 mi.
 2405 ft.**

**FORMER METRO NORTH PROPERTY
 730 CONCOURSE VILLAGE WEST
 NEW YORK, NY 10451
 Site 2 of 3 in cluster AJ**

**NY ENG CONTROLS
 NY INST CONTROL
 NY BROWNFIELDS**

**S110487604
 N/A**

**Relative:
 Higher
 Actual:
 17 ft.**

ENG CONTROLS:
 Site Code: 335960
 HW Code: C203030
 Control Code: 16
 Control Type: ENG
 Date Record Added: 08/10/2010
 Date Rec Updated: 09/26/2012
 Updated By: SRHEIGEL
 Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.
 Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
HW Code: C203030
Control Code: 13
Control Type: ENG
Date Record Added: 08/10/2010
Date Rec Updated: 09/26/2012
Updated By: SRHEIGEL

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Updated By: mdmaccab

Site Code: 335960
HW Code: C203030
Control Code: 18
Control Type: ENG
Date Record Added: 08/10/2010
Date Rec Updated: 09/26/2012
Updated By: SRHEIGEL
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
HW Code: C203030
Control Code: 22
Control Type: ENG
Date Record Added: 08/10/2010
Date Rec Updated: 09/26/2012
Updated By: SRHEIGEL

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

INST CONTROL:

Site Code: 335960
Control Name: Monitoring Plan
HW Code: C203030
Control Code: 31
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: ~~Code~~
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code: ~~Code~~
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: ~~Code~~
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Updated By: VXBREVD0
Crossref ID: 203042
Cross Ref Type Code: ~~02~~
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code: ~~02~~
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Landuse Restriction
HW Code: C203030
Control Code: 25
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Ground Water Use Restriction
HW Code: C203030
Control Code: 08
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Owner Addr2: 3RD FLOOR
Owner City,St,Zip:LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip:Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: IC/EC Plan
HW Code: C203030
Control Code: 34
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Site Management Plan
HW Code: C203030
Control Code: 32
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Owner City,St,Zip:Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVD0
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Soil Management Plan
HW Code: C203030
Control Code: 14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B .
Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site.
Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west.
Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated.
Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.
Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.
Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.
Dump: False
Structure: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code: Code
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code: Code
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Building Use Restriction
HW Code: C203030
Control Code: 26
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

construction of the Mott Haven School Campus was initiated. Site
Geology and Hydrogeology: Groundwater flow direction is generally to
the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now
completed, and the project is in Site Management phase. The
contaminants of concern in soil were benzene, toluene, ethylbenzene,
and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the
polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most
significant contamination identified in soil and groundwater was
confined to the northwestern portion of the Site (BCP area). The
contaminants of concern in groundwater were dissolved phase VOC and
naphthalene contamination. Remedial actions have successfully
achieved soil cleanup objectives for restricted residential use. The
site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil
contamination remaining at depth as the site is covered by buildings,
asphalt, concrete and other covered surfaces, i.e., synthetic turf or
rubber surfaces. Inhalation of contaminants via soil vapor intrusion
has been prevented through the installation of a vapor barrier and
continuous operation of an active mitigation system in the new
on-site school buildings. Exposure to contaminants in drinking water
is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip:LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip:Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 201000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVD0
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: O&M Plan
HW Code: C203030
Control Code: 33
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 201000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: O&M Plan
HW Code: C203030
Control Code: 33
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip:LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip:Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

Site Code: 335960
Control Name: Environmental Easement
HW Code: C203030
Control Code: J
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
Record Add: 2005-01-05 13:43:00
Record Upd: 2009-04-16 14:43:00
Updated By: THKNIZEK
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0551708
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2011-01-11 10:54:00
Record Updated: 2011-01-11 10:54:00
Updated By: MCTIBBE
Crossref ID: w2-1074-05-08
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2009-04-16 14:42:00
Record Updated: 2009-04-16 14:42:00
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2010-08-10 14:05:00
Record Updated: 2010-08-10 14:05:00
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-06-18 14:41:00
Record Updated: 2007-06-18 14:41:00
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type Code:
Cross Ref Type: HW Site ID
Record Added Date: 2007-10-31 08:59:00
Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

BROWNFIELDS:

Program: BCP
Site Code: 335960
Acres: 0.918
HW Code: C203030
SWIS: 0301
Town: New York City
Record Added Date: 01/05/2005
Record Updated Date: 01/12/2018
Update By: JHOCONNE
Site Description:

Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A . The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B . Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem:

Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem:

It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump:

False

Structure:

False

Lagoon:

False

Landfill:

False

Pond:

False

Disp Start:

Not reported

Disp Term:

Not reported

Lat/Long:

40:49'17.7 / 73:55'23.3

Dell:

False

Record Add:

2005-01-05 13:43:00

Record Upd:

2009-04-16 14:43:00

Updated By:

THKNIZEK

Own Op:

Applicant/Requestor

Sub Type:

P03

Owner Name:

BERNIE ORLAN

Owner Company:

NEW YORK CITY DEPT OF EDUCATION

Owner Address:

44-36 VERNON BLVD

Owner Addr2:

3RD FLOOR

Owner City,St,Zip:

LONG ISLAND CITY, NY 11101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Owner Country:	United States of America
Own Op:	Owner
Sub Type:	NNN
Owner Name:	Bernie Orlan
Owner Company:	New York City Dept of Education
Owner Address:	44-36 Vernon Blvd
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island CITY, NY 11101
Owner Country:	United States of America
HW Code:	C203030
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203030
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203030
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203030
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203030
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0551708
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2011-01-11 10:54:00
Record Updated:	2011-01-11 10:54:00
Updated By:	MCTIBBE
Crossref ID:	w2-1074-05-08
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2009-04-16 14:42:00
Record Updated:	2009-04-16 14:42:00
Updated By:	THKNIZEK
Crossref ID:	2010000265110
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2010-08-10 14:05:00
Record Updated:	2010-08-10 14:05:00
Updated By:	VXBREVDO
Crossref ID:	203042
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2007-06-18 14:41:00
Record Updated:	2007-06-18 14:41:00
Updated By:	MDMACCAB
Crossref ID:	203036
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2007-10-31 08:59:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER METRO NORTH PROPERTY (Continued)

S110487604

Record Updated: 2007-10-31 08:59:00
Updated By: mdmaccab

**A1233
WNW
1/4-1/2
0.461 mi.
2435 ft.**

**150-54 WEST 145TH ST/MANH
150-54 WEST 145TH STREET
NEW YORK CITY, NY**

**NY LTANKS S104275618
N/A**

Site 3 of 3 in cluster AI

**Relative:
Higher
Actual:
22 ft.**

LTANKS:
Spill Number/Closed Date: 9008914 / 1990-11-28
Facility ID: 9008914
Site ID: 263855
Spill Date: 1990-11-14
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Not reported
Cleanup Ceased: 1990-11-28
SWIS: 3101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1990-11-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1990-11-14
Spill Record Last Update: 1997-12-19
Spiller Name: Not reported
Spiller Company: MOBIL OIL
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 215072
DEC Memo: ""
Remarks: "LINE TEST ONLY, FAILED PETRO TITE WITH A LEAK RATE OF -.033GPH, TYREE BROS WILL EXCAVATE, ISOLATE, INVESTIGATE & RETEST."

All TTF:
Facility ID: 9008914
Spill Number: 9008914
Spill Tank Test: 1537880
Site ID: 263855
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

150-54 WEST 145TH ST/MANH (Continued)

S104275618

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 263855
Operable Unit ID: 949442
Operable Unit: 01
Material ID: 432695
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

234
SSE
1/4-1/2
0.464 mi.
2452 ft.

**P & R FIXTURES CORP
271 E 139TH ST
BRONX, NY**

**NY LTANKS S104516899
N/A**

**Relative:
Higher
Actual:
27 ft.**

LTANKS:
Spill Number/Closed Date: 9914720 / 2004-01-23
Facility ID: 9914720
Site ID: 102522
Spill Date: 2000-03-29
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 2000-03-29
CID: 312
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-03-29
Spill Record Last Update: 2004-01-23
Spiller Name: Not reported
Spiller Company: ATLAS FUEL OIL
Spiller Address: 1110 BRONX RIVER AVE
Spiller County: 001
Spiller Contact: PAUL REISMAN
Spiller Phone: (718) 293-0263
Spiller Extention: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P & R FIXTURES CORP (Continued)

S104516899

DEC Region: 2
DER Facility ID: 90787
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL CLOSED AND REFERENCED TO 0010599"
Remarks: "DRIVER OVERFILLED THE TANK - ABOUT 5 OR 6 GAL OUTSIDE AND ABOUT 1 GAL IN THE BASEMENT - BEING CLEANED UP NOW"

All Materials:
Site ID: 102522
Operable Unit ID: 1092661
Operable Unit: 01
Material ID: 293011
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 7.00
Units: G
Recovered: 7.00
Oxygenate: Not reported

235
ENE
1/4-1/2
0.465 mi.
2453 ft.

**APARTMENT
635 MORRIS AVE
BRONX, NY**

**NY LTANKS S109064253
N/A**

**Relative:
Higher
Actual:
26 ft.**

LTANKS:
Spill Number/Closed Date: 0800658 / 2008-06-12
Facility ID: 0800658
Site ID: 396446
Spill Date: 2008-04-16
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: bkfalvey
Referred To: Not reported
Reported to Dept: 2008-04-16
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-04-16
Spill Record Last Update: 2008-06-12
Spiller Name: JESSE CURLL
Spiller Company: APARTMENT
Spiller Address: 635 MORRIS AVE
Spiller County: 001
Spiller Contact: JESSE CURLL
Spiller Phone: (781) 849-1471
Spiller Extention: 105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT (Continued)

S109064253

DEC Region: 2
DER Facility ID: 345934
DEC Memo: "4/29/08 Received letter from Stuart Schwartz, of SNS Energy Distribution Corp., on 4/28/08. Tank was excavated and isolated and retested. Isolation revealed leak was at vent line. No contaminated soil associated with this spill. Tank retested on 4/25/08 and passed. They are waiting for authorization from owner to replace all piping and will retest. bf 5/1/08 bf: sent ttf letter to: Urbanization Maria Lopez Housing 580 White Plains Road, 6th Floor Tarrytown, NY 10591 Sent copy to: Stuart N. Schwartz, Chief Executive officer SNS Energy Corporation 221 Broadway, Suite 205 Amityville, NY 11701 6/4/08 On 6/3/08, received fax of letter dated 5/23/08 from Stuart Schwartz of SNS Energy. All oil distribution piping at the site was replaced even though only the vent line failed. Tightness test was done 5/22/08 and passed. I called Mr. Schwartz (631)691-1700 and left message with secretary to call me back. When he calls back I will request another letter regarding contamination, if any, and the tank test is deficient because of gw determination. bf 6/10/08 On 6/9/08, received revised tank test report. Report is satisfactory. Need letter regarding contamination. Called him at (631)926-2196 and left message requesting letter. bf 6/11/08 Yesterday, received fax from S. Schwartz stating no oil contamination found and piping was replaced due to its age. NFA. bf"
Remarks: "PBS No: 2-605314 UNCOVER REPAIR AND RETEST: AIR LEAK"

All TTF:

Facility ID: 0800658
Spill Number: 0800658
Spill Tank Test: 2453528
Site ID: 396446
Tank Number: Not reported
Tank Size: 15000
Material: 0001
EPA UST: Not reported
UST: True
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

Facility ID: 0800658
Spill Number: 0800658
Spill Tank Test: 2453529
Site ID: 396446
Tank Number: Not reported
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: False
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT (Continued)

S109064253

Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 396446
Operable Unit ID: 1153415
Operable Unit: 01
Material ID: 2144171
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AJ236
NE
1/4-1/2
0.472 mi.
2492 ft.

SURREY RESIDENCE
740 GRAND CONCOURSE
BRONX, NY
Site 3 of 3 in cluster AJ

NY LTANKS **S102672466**
N/A

Relative:
Higher
Actual:
64 ft.

LTANKS:
Spill Number/Closed Date: 9400122 / 1998-03-17
Facility ID: 9400122
Site ID: 103839
Spill Date: 1994-04-04
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 0301
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1994-04-04
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-04-07
Spill Record Last Update: 2004-07-06
Spiller Name: Not reported
Spiller Company: UNK OIL CO.
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 91794

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SURREY RESIDENCE (Continued)

S102672466

DEC Memo: ""
Remarks: "SPILL ON PAVEMENT OF BACKYARD. HAZ MAT WAS NOTIFIED - CALL DEP - WASHINGTON FROM DEP TO BE OUT AT SITE - CALL TO MR. SUAREZ DID NOT CONFIRM SPILL - WAITING CALL FROM DEP."

All Materials:
Site ID: 103839
Operable Unit ID: 993852
Operable Unit: 01
Material ID: 387448
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

AK237 **LINCOLN**
SW **2142 MADISON AVENUE**
1/4-1/2 **NEW YORK CITY, NY**
0.472 mi.
2494 ft. **Site 1 of 2 in cluster AK**

NY LTANKS **1001754757**
N/A

Relative: LTANKS:
Higher Spill Number/Closed Date: 9104756 / 1991-08-02
Actual: Facility ID: 9104756
9 ft. Site ID: 214153
Spill Date: 1991-08-01
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1991-08-02
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-08-01
CID: Not reported
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1991-08-07
Spill Record Last Update: 1993-12-27
Spiller Name: Not reported
Spiller Company: COASTAL OIL
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 177424

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LINCOLN (Continued)

1001754757

DEC Memo: ""
 Remarks: "CONTRACTOR ON SCENE WITH VAC TRUCK TO CLEAN UP, SPILL CONTAINED IN SUMPPIT, SUMP TURNED OFF, WINSTON CONTRACTORS DID CLEAN UP, NO PRODUCT IN SEWERS."

All Materials:
 Site ID: 214153
 Operable Unit ID: 955528
 Operable Unit: 01
 Material ID: 423815
 Material Code: 0002A
 Material Name: #4 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 50.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

AL238
South
1/4-1/2
0.474 mi.
2503 ft.

198 EAST 135TH STREET
198 EAST 135TH STREET
BRONX, NY 10451
Site 1 of 2 in cluster AL

NY BROWNFIELDS S118628305
N/A

Relative:
Higher
Actual:
10 ft.

BROWNFIELDS:
 Program: BCP
 Site Code: 520537
 Acres: 1.12
 HW Code: C203084
 SWIS: 0301
 Town: New York City
 Record Added Date: 01/05/2016
 Record Updated Date: 11/02/2018
 Update By: JEBROWN
 Site Description:

Location: The 1.12-acre site is located in an urban area of the Bronx, NY. The property is located approximately 250 feet northwest of the intersection of East 135th Street and 3rd Avenue. Site Features: The property is a flat, vacant lot (no buildings) with broken pavement and some exposed surface soils. The Harlem River is located approximately 500 feet to the southwest. Current Zoning and Land Use: The site is currently vacant, and is zoned as a M1-3/R8 district for mixed-use high-density residential, commercial, and light manufacturing uses. The surrounding land use is primarily commercial, including warehouses to the northwest, and commercial office space to the southeast. Past Use of the Site: Prior site uses include a railroad freight yard, coal yard, warehousing, and various industrial uses (some of which included oil storage). Most recently it was used for vehicle storage (parking). Historic fill is also present at the site. Some soil remediation of volatile organic compounds (VOCs), semi-VOCs (SVOCs) and metals occurred in 1999 under the Petroleum Spills Program (Spill #0001384) and resulted in removal of an abandoned underground storage tank. Site Geology and Hydrogeology: The stratigraphy of the site, from the surface to approximately 16 feet below grade, is classified as fill consisting of a mixture of gravel, sand, rocks and apparent construction debris. The water table at the site ranges from approximately 9 feet to 12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

198 EAST 135TH STREET (Continued)

S118628305

Env Problem:

feet below grade. Groundwater flow is towards the north northwest, in the direction of the Harlem River.

Soil and groundwater has been analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, and poly-chlorinated biphenyls (PCBs). Groundwater has also been analyzed for per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. Soil vapor has been analyzed for VOCs. Soil: Site soils are primarily impacted with poly-cyclic aromatic hydrocarbons (PAHs) and metals associated with historic fill that is generally present within the top 16 feet. PAHs were found exceeding the unrestricted use soil cleanup objectives (UUSCOs), including benzo(a)anthracene up to 18.4 parts per million (ppm) (UUSCO is 1 ppm), benzo(a)pyrene up to 15.4 ppm (UUSCO is 1 ppm), benzo(b)fluoranthene up to 10.8 ppm (UUSCO is 1 ppm), benzo(k)fluoranthene up to 12.9 ppm (UUSCO is 0.8), chrysene up to 19.5 ppm (UUSCO is 1 ppm), dibenz(a,h)anthracene up to 6.52 ppm (UUSCO is 0.33 ppm), and indeno(1,2,3-cd)pyrene up to 11.4 ppm (UUSCO is 0.5 ppm). Metals were found exceeding UUSCOs, including arsenic up to 18.8 ppm (UUSCO is 13), lead up to 618 ppm (UUSCO is 63 ppm), barium up to 1,020 ppm (UUSCO is 350 ppm), cadmium up to 2.61 ppm (UUSCO is 2.5 ppm), copper up to 395 ppm (UUSCO is 50 ppm), mercury up to 5.5 ppm (UUSCO is 0.18 ppm), nickel up to 44.3 ppm (UUSCO is 30 ppm), selenium up to 12.7 ppm (UUSCO is 3.9 ppm), silver up to 4.59 ppm (UUSCO is 2 ppm), and zinc up to 20,600 ppm (UUSCO is 109 ppm). No VOCs were detected exceeding UUSCOs. Pesticides 4,4-DDD, 4,4 DDE, and 4,4 DDT were detected at concentrations ranging from 0.0038 to 0.213 ppm (UUSCO is 0.0033 ppm). Dieldrin was detected at two locations at 0.0148 and 0.00631 ppm (UUSCO is 0.005 ppm). PCBs were detected at concentrations ranging from 0.118 to 0.72 ppm (UUSCO is 0.1 ppm). Data does not indicate any off-site impacts to soil related to this site. Groundwater: The RI sampling indicated a single SVOC, bis(2-ethylhexyl)phthalate, detected at 14.6 parts per billion (ppb) (standard is 5 ppb), which is likely due to lab contamination. Manganese, magnesium, and sodium were detected above standards, but are likely naturally-occurring and/or related to road salt applications. Data does not indicate any off-site impacts to groundwater related to this site. PFOA and PFOS were detected at concentrations of 33 and 85 parts per trillion, respectively. 1,4-dioxane was detected at a concentration of 0.43 ppb. Soil Vapor: Chlorinated VOCs were detected in soil gas samples, including tetrachloroethene at concentrations up to 130 micrograms per cubic meter (ug/m³), trichlorofluoromethane up to 36 ug/m³, and dichlorodifluoromethane up to 31 ug/m³. Along with some minor detections of petroleum-related VOCs, tetrahydrofuran was detected at concentrations up to 69 ug/m³. Data does not indicate any off-site impacts to soil vapor related to this site.

Health Problem:

The site is completely fenced which restricts public access. However, persons entering the site could contact contaminants in the soil by walking, digging or otherwise disturbing the soil. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, inhalation of site contaminants due to soil vapor intrusion does not represent a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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EDR ID Number
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198 EAST 135TH STREET (Continued)

S118628305

current concern. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development. Sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-03 15:45:00
Record Upd:	2017-05-03 14:40:00
Updated By:	KMFORSTE
Own Op:	Owner
Sub Type:	E
Owner Name:	Cheskel Schwimmer
Owner Company:	Deegan 135 Realty LLC
Owner Address:	199 Lee Avenue, #103
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New York Public Library - Mott Haven Branch
Owner Address:	321 East 140th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10454
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Cheskel Schwimmer
Owner Company:	Deegan 135 Realty LLC
Owner Address:	199 Lee Avenue, #103
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Bronx Community Board 1
Owner Address:	3024 Third Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10455
Owner Country:	United States of America
HW Code:	C203084
Waste Type:	zinc
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

198 EAST 135TH STREET (Continued)

S118628305

Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	dibenz[a,h]anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	selenium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	dieldrin
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203084
Waste Type:	chrysene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

198 EAST 135TH STREET (Continued)

S118628305

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: cadmium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: silver
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203084
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0001384
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2016-12-02 10:36:00
Record Updated: 2016-12-02 10:36:00
Updated By: SMQUANDT

239
West
1/4-1/2
0.475 mi.
2509 ft.

PRIVATE DWELLING
106 WEST 139TH ST
MANHATTAN, NY

NY LTANKS S105054560
N/A

Relative:
Higher
Actual:
18 ft.

LTANKS:
Spill Number/Closed Date: 0100156 / 2005-11-10
Facility ID: 0100156
Site ID: 218432
Spill Date: 2001-04-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jdjarrat
Referred To: Not reported
Reported to Dept: 2001-04-05
CID: 211
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE DWELLING (Continued)

S105054560

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-04-05
Spill Record Last Update: 2005-11-10
Spiller Name: SCOTT SWANSON
Spiller Company: Not reported
Spiller Address: 106 WEST 139TH ST
Spiller County: 001
Spiller Contact: SCOTT SWANSON
Spiller Phone: (718) 539-4515
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 180709
DEC Memo: "7/15/05 Transferred to Jarratt (co) Fenley & Nicol contacted about latest status of tank test failure - awaiting response 11/10/05 Closure report prepared by TDX Construction Corp (dated 1/12/04) added to file. Repairs documented. Spill closed."
Remarks: "TANK TAKEN OUT OF SERVICE - HOLE DISCOVERED ON TOP OF TANK - TEMPORARY PATCH APPLIED - SOIL NOT IMPACTED"

All TTF:

Facility ID: 0100156
Spill Number: 0100156
Spill Tank Test: 1526198
Site ID: 218432
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 218432
Operable Unit ID: 838704
Operable Unit: 01
Material ID: 539428
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AM240
West
1/4-1/2
0.476 mi.
2511 ft.

120 W 140TH ST
120 W 140TH ST
MANHATTAN, NY
Site 1 of 2 in cluster AM

NY LTANKS **S107789109**
 N/A

Relative:
Higher
Actual:
23 ft.

LTANKS:
 Spill Number/Closed Date: 0600278 / 2006-04-10
 Facility ID: 0600278
 Site ID: 362249
 Spill Date: 2006-04-08
 Spill Cause: Tank Failure
 Spill Source: Unknown
 Spill Class: C4
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2006-04-08
 CID: 64
 Water Affected: Not reported
 Spill Notifier: Fire Department
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2006-04-08
 Spill Record Last Update: 2006-06-27
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller County: 999
 Spiller Contact: DSP 225
 Spiller Phone: (212) 628-2900
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 312482
 DEC Memo: "4/10/2006 Sharif dealt with this spill case. DEP responded to the site. OK to close"
 Remarks: "Cracked fuel tank which leaked into the sewer."

All Materials:
 Site ID: 362249
 Operable Unit ID: 1120351
 Operable Unit: 01
 Material ID: 2109846
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 50.00
 Units: G
 Recovered: Not reported
 Oxygenate: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

241
WNW
1/4-1/2
0.476 mi.
2512 ft.

APARTMENT
127 WEST 141 ST
NEW YORK, NY 10030

NY LTANKS **S107410697**
N/A

Relative:
Higher
Actual:
30 ft.

LTANKS:

Spill Number/Closed Date: 0508040 / 2006-08-08
 Facility ID: 0508040
 Site ID: 353559
 Spill Date: 2005-10-05
 Spill Cause: Tank Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: C3
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2005-10-05
 CID: 444
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2005-10-05
 Spill Record Last Update: 2006-08-08
 Spiller Name: PROPERTY MGT
 Spiller Company: APARTMENT
 Spiller Address: 127-135 WEST 141ST STREET
 Spiller County: 999
 Spiller Contact: SUPER
 Spiller Phone: (646) 284-8385
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 15950
 DEC Memo: "10/5 - Sangesland spoke to Rep from Hess Oil. Hess has hired ABC Tank Cleaners (718-272-2800) They were on their way to the site as of 3:15PM Building Super is Giovani 646-529-5757 Unknown if it is a simple clean up, or if there is a digout/repairs to be made. 03/01/06 Sharif Rahman-I spoke with the building super, Giovani(646-529-5757). He told me the gauge was not working properly and they cleaned it up. Need to know the cause of the spill. I left a messege for building manager, Mr. Abidin from PINNACLE Group,(212)222-7206. 03/27/06 Sharif Rahman- A violation letter was sent to Pinnacle Group 106 W. 105 Street New York, NY 10025 Attn: Abidin Radondic,Fax:(212)222-8459 05/02/06 Sharif Rahman- Department has not receive any correspondence regarding the spill clean up. I faxed the previous letter to Michelle Morales @(212)729-5495.Her office no is (212)564-2111 x 3021. 07/11/06 Rahman- I called Michelle Morales today again to follow up on the spill, DEC has not received any report about the clean up, she said she would send the paper works to DEC. 07/14/06 Rahman-Rec'd work invoice from ABC tank regarding the closure of the spill.ABC tank pumped out and washed the area affected by the oil spill.The cause of the spill was overfill from a precut on top of the tank.Approx. 75 gallons spilled on the floor.ABC tank fixed the pre cut on the tank.Need to check the floor condition for cracks,leakage.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT (Continued)

S107410697

Remarks: 08/07/06 Rahman- Inspected the floor, found no drain, cracks, condition looked good.NFA required. "
"IS EITHER A LINE PROBLEM OR OTHER: STILL CHECKING: SERVICE MAN ENROUTE: NO DRAINS ALL CONTAINED IN BUILDING:"

All Materials:

Site ID: 353559
Operable Unit ID: 1111015
Operable Unit: 01
Material ID: 2101057
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

AN242
SSE
1/4-1/2
0.479 mi.
2529 ft.

SINIGEEN LLC/DBA FIRST CRUSH
2505 THIRD AVENUE #1
BRONX, NY 10451

NY SWRCY **S117937482**
N/A

Site 1 of 2 in cluster AN

Relative:
Higher

SWRCY:

Actual:
17 ft.

Region: 2
Facility Address 2: Not reported
Phone Number: 2127329253
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Dzaguily Sy
Contact Address: 2505 Third Avenue
Contact Address 2: Not reported
Contact City,St,Zip: Bronx, NY 10451
Contact Email: Not reported
Contact Phone: 2127329253
Activity Desc: z Retired - RHRF - registration
Activity Number: [03MA3]
Active: No
East Coordinate: 590381
North Coordinate: 4518273
Accuracy Code: 1 - No accuracy stated
Regulatory Status: Registration
Permit #: Not reported
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

243
 NW
 1/4-1/2
 0.484 mi.
 2555 ft.

SPILL NUMBER 0209798
160 WEST 146TH ST
MANHATTAN, NY

NY LTANKS S105997731
N/A

Relative:
Higher
Actual:
20 ft.

LTANKS:
 Spill Number/Closed Date: 0209798 / 2004-01-22
 Facility ID: 0209798
 Site ID: 150849
 Spill Date: 2002-12-26
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: B3
 Cleanup Ceased: Not reported
 SWIS: 3101
 Investigator: MXTIPPLE
 Referred To: Not reported
 Reported to Dept: 2002-12-26
 CID: 205
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2002-12-26
 Spill Record Last Update: 2004-01-22
 Spiller Name: OWENS
 Spiller Company: GREATER HOOD MEM ZION
 Spiller Address: 160 WEST 146TH ST
 Spiller County: 001
 Spiller Contact: CALLER
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 128208
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 1/14/04 TIPPLE SENT REQUEST FOR DOCUMENTATION 1/22/04 Tipple recieved notarized documentation indicating there was no contaminants when tank abandon in place. tank registered for abandonment. nfa."

Remarks:

All TTF:
 Facility ID: 0209798
 Spill Number: 0209798
 Spill Tank Test: 1527871
 Site ID: 150849
 Tank Number: 1
 Tank Size: 2500
 Material: 0001
 EPA UST: Not reported
 UST: Not reported
 Cause: Not reported
 Source: Not reported
 Test Method: 03
 Test Method 2: Horner EZ Check I or II
 Leak Rate: .00
 Gross Fail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0209798 (Continued)

S105997731

Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 150849
Operable Unit ID: 861036
Operable Unit: 01
Material ID: 555400
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AK244
SW
1/4-1/2
0.484 mi.
2556 ft.

LINCOLN HOUSES -NYCHA
2130 MADISON AVE
NEW YORK CITY, NY
Site 2 of 2 in cluster AK

NY LTANKS **S100167943**
NY Spills **N/A**

Relative:
Higher
Actual:
10 ft.

LTANKS:
Spill Number/Closed Date: 9004249 / 2005-10-26
Facility ID: 9004249
Site ID: 63205
Spill Date: 1990-07-17
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1990-07-17
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-07-19
Spill Record Last Update: 2005-10-26
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 61116
DEC Memo: "10/26/05: This spill closed to consolidate with open spill #9607561.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

Remarks: S.Kraszewski"
"(2) 25K TANKS MANIFOLDED FAILED A HORNER EZY CHECK WITH A GROSS
LEAK, WILL EXCAVATE,ISOLATE & RETEST."

All TTF:

Facility ID: 9004249
Spill Number: 9004249
Spill Tank Test: 1537310
Site ID: 63205
Tank Number: 001
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

Facility ID: 9004249
Spill Number: 9004249
Spill Tank Test: 1537311
Site ID: 63205
Tank Number: 002
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 63205
Operable Unit ID: 942070
Operable Unit: 01
Material ID: 435353
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9315464 / 2005-10-26

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

Facility ID: 9315464
Site ID: 91028
Spill Date: 1991-03-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-03-30
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-04-05
Spill Record Last Update: 2005-10-26
Spiller Name: Not reported
Spiller Company: NYCHA - JOE MONTELLA
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 61116
DEC Memo: "10/26/05: This spill closed to consolidate with open spill #9607561.
S.Kraszewski"
Remarks: "LEAK RATE OF -0.06 GPH - REPORTED AS PASSED BY TESTER."

All TTF:

Facility ID: 9315464
Spill Number: 9315464
Spill Tank Test: 1542569
Site ID: 91028
Tank Number: 001
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 91028
Operable Unit ID: 997513
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

Material ID: 554003
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:

Spill Number/Closed Date: 9609643 / 1996-12-13
Facility ID: 9609643
Facility Type: ER
DER Facility ID: 61116
Site ID: 154573
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 1996-11-01
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1996-11-01
CID: 257
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-11-01
Spill Record Last Update: 2005-12-12
Spiller Name: TODD MC INDOO
Spiller Company: YELLOWSTONE CONTRACTING
Spiller Address: Not reported
Spiller Company: 001
Contact Name: ED MALONE
DEC Memo: ""
Remarks: "seperator was not working correctly and cause oil to go through seperator into the drain"

All Materials:

Site ID: 154573
Operable Unit ID: 1037610
Operable Unit: 01
Material ID: 345371
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9607561 / 2017-05-12
Facility ID: 9607561
Facility Type: ER
DER Facility ID: 61116
Site ID: 318928
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 3101
Spill Date: 1996-09-16
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 1996-09-16
CID: 349
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-09-16
Spill Record Last Update: 2017-05-15
Spiller Name: MARIO MANDALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller Company: 001
Contact Name: MARIO MANDALONE
DEC Memo: "12/12/05: This spill transferred from J.Kolleeny to S.Kraszewski.
07/28/06: Two 25K USTs installed in 1948 that stored #4/#6 oil were closed-removed in 1996. One 30K UST that stores #2 oil was installed in 1997 and is currently in service. Soil contamination was encountered during tank replacement. 4 MWs were installed in 1996 and is currently bailing oil/water. NYCHA recommends that a site assessment be performed. - SK 9/26/06: This spill was transferred from S.Kraszewski to J. Kann. -JK 12/12/12: J.Kann - the IWP was received in May 2009. The plan and historic files were reviewed. Based on the review, comments were sent to NYCHA on 12/12/12 (edoced). 3/5/13: J.Kann - revised IWP (Addendum letter and Figure 3) recvd on 2/11/13. Information reviewed and found acceptable. Pointed out in an email to NYCHA that the locations identified in the Addendum letter and revised Figure 3 are correct (however, the text of Section 3.2 of the IWP was not revised to reflect the change). SIR due 9/5/13. 12/2/13: J.Kann - stip sent to nycha on 10/30. Signed stip rcvd 12/2 and forwarded to legal. 1/28/14: J.kann - approved modifications to IWP after discussion/email with/from consultant (edoced) 2/06/14: J.Kann- visited site today. Borings were advanced in the sidewalk. Stained soils noted at the groundwater interface and collected for analysis. Historical data shows not product or contamination downgradient of the site (across Madison Avenue). Additional drilling will be performed on Monday 2/10/14. 3/5/14:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

J.Kann- rcvd RIR on 3/5/14. Reviewed the RIR. Concurred with recommendations. Sent and email to NYCHA. Quarterly monitoring should commence and a 2014 2nd quarter monitoring report is due on July 31, 2014. A RAP is due on 9/5/2014 7/23/14: J.Kann - reviewed RAP. VEFR is proposed in two wells containing product. Monitoring over 6 months. NYCHA needs to install 4 or 6 inch well in sidewalk after scaffolding over sidewalk is removed. email sent to NYCHA on 7/24/14. 5/12/17: J.kann - visited site today. Wells did not contain product. Boiler room walls clean. Given the minimal impacts previously noted and limited to weathered 6 oil, tanks removed over 15 years ago and no dissolved phase in gw, spill closed. Possible weathered 6 oil contaminated soils at groundwater interface, so contaminated spill clause included in closure letter. Spill closed."

Remarks:

"TANKS BEING REMOVED - CONTAMINATED SOIL FOUND "

All Materials:

Site ID: 318928
Operable Unit ID: 1038730
Operable Unit: 01
Material ID: 346815
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Spill Number/Closed Date: 9609040 / 1996-10-28
Facility ID: 9609040
Facility Type: ER
DER Facility ID: 61116
Site ID: 317275
DEC Region: 2
Spill Cause: Other
Spill Class: C3
SWIS: 3101
Spill Date: 1996-10-20
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1996-10-20
CID: 323
Water Affected: Not reported
Spill Source: Private Dwelling
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: 1996-10-20
Spill Record Last Update: 2005-12-12
Spiller Name: EDWARD MALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY 16TH FLOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN HOUSES -NYCHA (Continued)

S100167943

Spiller Company: 001
Contact Name: EDWARD MALONE
DEC Memo: ""
Remarks: "DURING FLOODING OF THE BOILER ROOM LAST NIGHT OIL WAS SPILLED. BEING CLEANED UP AT THIS TIME."

All Materials:
Site ID: 317275
Operable Unit ID: 1037138
Operable Unit: 01
Material ID: 344770
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

**AN245
SSE
1/4-1/2
0.487 mi.
2571 ft.**

**YOUNG CONTRACTING CORP.
2501 THIRD AVENUE
BRONX, NY 10451**

**NY SWF/LF S105841700
N/A**

Site 2 of 2 in cluster AN

**Relative:
Higher
Actual:
16 ft.**

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: 2129933702
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: NUNZIO SQUILLANTE
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: z Retired - Transfer station - permit
Activity Number: [03T59]
Active: No
East Coordinate: 590400
North Coordinate: 4518200
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6004-00073
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

246
North
1/4-1/2
0.488 mi.
2577 ft.

BRONX TERMINAL MARKET
UNDER DEEGAN EXP
BRONX, NY

NY LTANKS **S108765638**
N/A

Relative:
Lower
Actual:
6 ft.

LTANKS:

Spill Number/Closed Date: 0705989 / 2007-08-27
 Facility ID: 0705989
 Site ID: 386416
 Spill Date: 2007-08-27
 Spill Cause: Tank Failure
 Spill Source: Commercial Vehicle
 Spill Class: C4
 Cleanup Ceased: Not reported
 SWIS: 0301
 Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2007-08-27
 CID: 71
 Water Affected: Not reported
 Spill Notifier: Fire Department
 Last Inspection: Not reported
 Recommended Penalty: False
 Meets Standard: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2007-08-27
 Spill Record Last Update: 2007-08-27
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller County: 001
 Spiller Contact: RICHARD MEADOWN
 Spiller Phone: (347) 203-6886
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 335800
 DEC Memo: "08/27/07 I spoke with FD Richard Meados @(347)203-6886, he told me that spill is at a construction site on sand.They recovered some part of it and put it in a drum.Spill from saddle tank of a trucktor trailer, owner is Werner Enterprise, Inc.,14-507 Frontier Road, Nebraska 68138.ETS Environmental is en route to clean up the spill, remove the drum.Spill closed.(SR)"
 Remarks: "ROCK RUPTURED SADDLE TANK. CLEAN UP PENDING ARRIVAL OF ETS ENVIRONMENTAL"

All Materials:

Site ID: 386416
 Operable Unit ID: 1143656
 Operable Unit: 01
 Material ID: 2133930
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 60.00
 Units: G
 Recovered: .00
 Oxygenate: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AL247	200 EAST 135TH STREET	NY VCP	S118943561
South	200 EAST 135TH STREET		N/A
1/4-1/2	NEW YORK CITY, NY		
0.491 mi.			
2592 ft.	Site 2 of 2 in cluster AL		

Relative:	VCP NYC:		
Higher	Project ID:	16CVCP013X	
	Project Name:	200 EAST 135TH STREET	
Actual:	Project Address:	200 EAST 135TH STREET	
9 ft.	Borough:	BRONX	
	VCP NYC:		
	Project ID:	16CVCP013X	
	File Name:	2015-09-29.RIR	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-09-29.16CVCP013X.13EHAN270X.report.RIR_Final.HTE.pdf	
	Project ID:	16CVCP013X	
	File Name:	2015-11-06.RAWP_Final	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-11-06.16CVCP013X.13EHAN270X.report.200_East_135_Street_RAWP_FINAL.HTE.pdf	
	Project ID:	16CVCP013X	
	File Name:	2015-09-30.Factsheet-1	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-09-30.16CVCP013X.200_E_135th_FactSheet-1.pdf	
	Project ID:	16CVCP013X	
	File Name:	2015-09-30.Translated_Factsheet-1	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-09-30.16CVCP013X.200_E_135th_Translated_Factsheet-1.pdf	
	Project ID:	16CVCP013X	
	File Name:	2015-09-30.Translated_CPS	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-09-30.16CVCP013X.200_E_135th_Translated_CPS.pdf	
	Project ID:	16CVCP013X	
	File Name:	2015-12-03.Decision_Document	
	URL:	http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Bronx/16CVCP013X/2015-12-03.13EHAN270X.16CVCP013X.notice.Decision_Document.OER.pdf	

248	711 WALTON AVENUE	NY LTANKS	S102672744
NNE	711 WALTON AVENUE		N/A
1/4-1/2	BRONX, NY		
0.494 mi.			
2610 ft.			

Relative:	LTANKS:		
Higher	Spill Number/Closed Date:	9412692 / 1994-12-22	
	Facility ID:	9412692	
Actual:	Site ID:	142744	
46 ft.	Spill Date:	1994-12-21	
	Spill Cause:	Tank Overfill	
	Spill Source:	Private Dwelling	
	Spill Class:	C3	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

711 WALTON AVENUE (Continued)

S102672744

Cleanup Ceased:	1994-12-22
SWIS:	0301
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1994-12-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-24
Spill Record Last Update:	1995-02-28
Spiller Name:	Not reported
Spiller Company:	CASTLE FUEL OIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	121781
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE "
Remarks:	"OVERFILL DUE TO BAD GAUGE ON RESIDENTIAL TANK. CREW FROM CASTLE TO CLEAN UP"

All Materials:

Site ID:	142744
Operable Unit ID:	1006330
Operable Unit:	01
Material ID:	374985
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AM249
West
1/4-1/2
0.499 mi.
2633 ft.

132-140 GREEN STREET
132-140 GREEN STREET
NEW YORK CITY, NY
Site 2 of 2 in cluster AM

NY LTANKS **S104950908**
N/A

Relative:
Higher
Actual:
29 ft.

LTANKS:
 Spill Number/Closed Date: 0011967 / 2003-04-11
 Facility ID: 0011967
 Site ID: 91808
 Spill Date: 2001-02-03
 Spill Cause: Tank Overfill
 Spill Source: Private Dwelling
 Spill Class: C4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

132-140 GREEN STREET (Continued)

S104950908

Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2001-02-06
CID: 389
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-02-06
Spill Record Last Update: 2003-04-11
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller County: 999
Spiller Contact: RAYMOND
Spiller Phone: (917) 523-3075
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 82488
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIBBE PTC INVESTIGATED. PRESSURED WASH TOMORROW. ALLIED
TRANSPORTATION DELIVERED FOR HESS. HE WAS NOTIFIED TODAY AT 1200HRS.
CLEANED BY HESS."

Remarks: "SPILL INSIDE AND OUTSIDE A RESIDENCE UNK QUANTITY PETROLEUM TANK
CLEANERS RESPONDED AND ACCESSED THE SITUATION AND WILL BE BACK
TOMORROW FOR CLEAN UP. NO CALLBACK NECESSARY"

All Materials:
Site ID: 91808
Operable Unit ID: 833328
Operable Unit: 01
Material ID: 542254
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

250
NW
1/2-1
0.578 mi.
3050 ft.

FILM STORAGE WAREHOUSE SITE
203-209 WEST 146TH STREET
NEW YORK, NY 10039

NY SHWS S113917008
N/A

Relative:
Higher
Actual:
23 ft.

SHWS:
Program: HW
Site Code: 57156
Classification: N
Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILM STORAGE WAREHOUSE SITE (Continued)

S113917008

Acres: Not reported
HW Code: 231009
Record Add: 02/06/2003
Record Upd: 06/14/2006
Updated By: DMMOLOUG
Site Description: The former Film Storage Warehouse is approximately 0.25 acres and is located at 203-209 West 146th St. in Manhattan. The property is located on the north site of West 146th St. between Adam Clayton Powell Jr. Boulevard and Fredrick Douglass Boulevard. The site is bounded on the north and west by residential buildings, and on the east by commercial buildings with residences on the upper floors. The former warehouse site has been unoccupied for over 50 years and is currently vacant. A site investigation was funded by EPA as a targeted site assessment. A Site Investigation Report was approved in November 2004. The site did not qualify for addition to the Registry of Inactive Hazardous Waste Disposal sites.
Env Problem: Several contaminants were detected in soils including semivolatile compounds, (primarily polyaromatic hydrocarbons)and several metals. Most of the soil contamination appears to be related to historic fill material. The building interior also has debris piles containing asbestos and lead (from insulation and lead paint, respectively). Soil vapor beneath the building contains volatile organic compounds above expected background concentrations.
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Not reported
Sub Type: Not reported
Owner Name: Not reported
Owner Company: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Country: Not reported
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

251
South
1/2-1
0.593 mi.
3131 ft.

VISTA 1
2401 THIRD AVENUE
BRONX, NY 10451

NY SHWS S113916759
N/A

Relative:
Lower
Actual:
2 ft.

SHWS:

Program: HW
Site Code: 437428
Classification: N
Region: 2
Acres: 1.538
HW Code: 203052
Record Add: 07/14/2010
Record Upd: 04/16/2013
Updated By: RJCOZZY
Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since property owner would not allow access. No environmental data available for this site.
Not reported
Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Applicant/Requestor
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 14055
Owner Country: United States of America
Own Op: Owner
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 14055
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VISTA 1 (Continued)

S113916759

Updated By: Not reported

252
WSW
1/2-1
0.695 mi.
3670 ft.

CON EDISON - WEST 132ND ST. STATION MGP
12TH AVE. BETWEEN W. 131ST - W. 133RD STS.
NEW YORK, NY 10027

EDR MGP 1008407993
N/A

Relative:
Higher
Actual:
26 ft.

Manufactured Gas Plants:
 No additional information available

253
ENE
1/2-1
0.816 mi.
4308 ft.

FORMER MELROSE AVENUE DRY CLEANER
753 MELROSE AVENUE
BRONX, NY 10451

NY SHWS S113916992
N/A

Relative:
Higher
Actual:
34 ft.

SHWS:
 Program: HW
 Site Code: 57014
 Classification: Significant threat to the public health or environment - action required.
 Region: 2
 Acres: 0.066
 HW Code: 203009
 Record Add: 02/21/2001
 Record Upd: 01/16/2018
 Updated By: JXGRECO
 Site Description: Location: The site is located in the Melrose section of Bronx County (Borough of The Bronx, New York City). The site is located on the west side of Melrose Avenue between East 156th and East 157th Streets. Site Features: The site is a vacant lot covered with vegetation, and is surrounded with a chain-link fence. The site is bordered to the north by a community garden, to the east by Melrose Avenue, to the south by a 6-story apartment building, and to the west by a school (PS 29). Current Zoning and Land Use: The site is zoned for residential. There are no buildings on the site, and the property is not currently in use. Past Use of the Site: The Department began a Site Characterization in this area during the Fall of 2003 based on results obtained from a petroleum spill investigation at the FDNY Engine 71/Ladder 55 property located at 720 Melrose Avenue, which indicated elevated levels of tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (DCE) in groundwater. Based on the field sampling program (which was conducted in several phases, and was completed in the Spring of 2007), and a review of available historical information, the site was identified as a primary source of the area-wide chlorinated solvent contamination. According to Sanborn fire insurance maps and an interview with a long-time resident, this site was occupied by a dry cleaner during the 1950's. The maps show that the solvent tanks were located in the rear of the building. Since the time of that former facility's operation, the site has been abandoned. Site Geology and Hydrogeology: The site is underlain by a fill unit (5-7' thick), a fine-medium sand unit with some silt (5-25' thick), and bedrock (11-28' below grade).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MELROSE AVENUE DRY CLEANER (Continued)

S113916992

Groundwater is approximately 16-19' below ground surface in the vicinity of the site. In some areas, the groundwater is below the surface of bedrock). Groundwater on-site flows SE towards Melrose Avenue, and then to the south towards the East River (~7,000' south of the site) along a former stream bed.

Env Problem: Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 6,200 ppb, well above the Part 703.5 class GA standard of 5 ppb. Trichloroethene (up to 500 ppb), and cis-1,2-dichloroethene (up to 3,500 ppb) have also been found in shallow groundwater above their respective Part 703.5 class GA standards (5 ppb each). The plume of PCE-contaminated groundwater has migrated south at least 2 blocks under a residential area. - Soil PCE has been found in on-site soils up to 2.2 ppm, slightly above the soil cleanup objective for unrestricted use (1.3 ppm). - Soil Vapor Concentrations of PCE in soil vapor have been found up to 5,810 ug/m³. Significant Threat: The site poses a significant environmental threat based on the property's past use as a dry cleaner, which contaminated groundwater beneath the site with PCE at levels several orders of magnitude above standards and a significant threat to public health due to the concentrations of PCE detected in groundwater and soil, in conjunction with the proximity of occupied structures.

Health Problem: The site is fenced, however, site access is still possible and persons who enter the site could potentially contact contaminants in the soil by walking on soil, digging or otherwise disturbing the soil. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition because there are no on-site buildings. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development and occupancy. In addition, vapor sampling indicates soil vapor intrusion is a concern for off-site buildings.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: False
Record Add: 2001-02-21 08:34:00
Record Upd: 2016-08-31 12:02:00
Updated By: DKHARRIN
Own Op: Owner
Sub Type: C01
Owner Name: Ms.Vicki Been
Owner Company: NYC Dept. of Housing Preservation & Development

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MELROSE AVENUE DRY CLEANER (Continued)

S113916992

Owner Address: 100 Gold Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10038
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C04
Owner Name: Sadeqwa Atkinson
Owner Company: New York Public Library - Melrose Branch
Owner Address: 910 Morris Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10451
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Cedric Loftin
Owner Company: Bronx Community Board 1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C04
Owner Name: Anthony T. Winn
Owner Company: Nos Quedamos, Inc.
Owner Address: 754 Melrose Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10451
Owner Country: United States of America
HW Code: 203009
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 203009
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: E203009
Cross Ref Type Code: 03
Cross Ref Type: ERP Site ID
Record Added Date: 2007-11-07 16:23:00
Record Updated: 2007-11-07 16:23:00
Updated By: MOBARRIE
Crossref ID: B00095
Cross Ref Type Code: 03
Cross Ref Type: ERP Site ID
Record Added Date: 2014-02-21 10:17:00
Record Updated: 2014-02-21 10:17:00
Updated By: BRWOLOSE

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BRONX	S105684650	CE - E. 137TH ST. STATION	136TH ST. - 137TH ST.	10454	NY VCP
BRONX	S105684646	CE - E. 138TH ST. - BRONX WORKS	EAST 138TH - EAST 140TH STS.	10454	NY VCP
BRONX	S121933886	CE - E. 138TH ST. - BRONX WORKS	EAST 138TH - EAST 140TH STS.	10454	NY SHWS
BRONX	S113916735	BRONXCHESTER URA SITE 1A	BROOK AVENUE AT EAST 156TH STR	10455	NY SHWS
BRONX	S113916703	MOTT HAVEN MGP PLUME TRACKDOWN	CONCOURSE VILLAGE WEST AT EAST	10451	NY SHWS
BRONX	S106703355	HUDSON RIVER PKWY SO	HUDSON RIVER PKWY SOUTH		NY LTANKS

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: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	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: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (212) 637-3660
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/04/2019

Date Data Arrived at EDR: 02/08/2019

Date Made Active in Reports: 03/08/2019

Number of Days to Update: 28

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 02/08/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

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: 11/12/2018

Date Data Arrived at EDR: 11/14/2018

Date Made Active in Reports: 12/19/2018

Number of Days to Update: 35

Source: Department of Environmental Conservation

Telephone: 518-402-9622

Last EDR Contact: 02/13/2019

Next Scheduled EDR Contact: 05/27/2019

Data Release Frequency: Annually

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: 12/31/2018

Date Data Arrived at EDR: 01/04/2019

Date Made Active in Reports: 02/14/2019

Number of Days to Update: 41

Source: Department of Environmental Conservation

Telephone: 518-457-2051

Last EDR Contact: 01/04/2019

Next Scheduled EDR Contact: 04/15/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019

Data Release Frequency: Varies

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: 04/25/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 03/07/2019

Next Scheduled EDR Contact: 05/06/2019

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 05/06/2019
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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

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: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/08/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

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: 02/11/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/11/2019	Telephone: 518-402-9549
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 02/11/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 04/08/2019
	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	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	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	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

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: 02/11/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/11/2019	Telephone: 518-402-9549
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 02/11/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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: 02/11/2019
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 2

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/11/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 3

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/11/2019
Next Scheduled EDR Contact: 04/08/2019
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

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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 02/11/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/11/2019	Telephone: 518-402-9543
Date Made Active in Reports: 02/13/2019	Last EDR Contact: 02/11/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 10/17/2018	Source: New York City Department of City Planning
Date Data Arrived at EDR: 12/19/2018	Telephone: 212-720-3300
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 12/17/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Varies

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: 06/30/2014	Telephone: 212-720-3401
Date Made Active in Reports: 07/21/2014	Last EDR Contact: 12/21/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/12/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/14/2018	Telephone: 518-402-9553
Date Made Active in Reports: 12/19/2018	Last EDR Contact: 02/13/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/12/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/14/2018	Telephone: 518-402-9553
Date Made Active in Reports: 12/19/2018	Last EDR Contact: 02/13/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 56

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 04/01/2019
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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/19/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

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: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/19/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/19/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/31/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/04/2019	Telephone: 518-402-8705
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 01/04/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/06/2018	Telephone: 518-402-8694
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/11/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: No Update Planned

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/29/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/13/2019
	Data Release Frequency: Varies

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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/17/2019
Number of Days to Update: 137	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/19/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

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: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SUFFOLK CO TANKS: Storage Tank Database

Facilities that have no tank information

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
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
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/04/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 7

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

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: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Semi-Annually

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: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

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: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
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

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
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: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

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.

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: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

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: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Annually

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: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/08/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 202-564-8600
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/15/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant 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: 03/07/2019
Next Scheduled EDR Contact: 06/17/2019
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: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 01/18/2019
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

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: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/31/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

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: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 02/22/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2018	Telephone: 703-603-8787
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US 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: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (212) 637-3000
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 02/21/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 01/22/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/01/2019	Telephone: 518-402-8452
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/04/2019
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/07/2018
Date Data Arrived at EDR: 03/30/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 67

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
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: 10/31/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 56

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/15/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

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: 12/29/2017
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 60

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/30/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

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: 01/30/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/22/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: No Update Planned

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: 01/01/2018
Date Data Arrived at EDR: 02/15/2018
Date Made Active in Reports: 03/27/2018
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/06/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 01/08/2019
Date Data Arrived at EDR: 01/16/2019
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 28

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 01/16/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL 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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/18/2018
Number of Days to Update: 32

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/18/2018
Number of Days to Update: 32

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TANKS NASSAU: Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017	Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 01/28/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 01/28/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: No Update Planned

UST NCFM: 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: 01/28/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017	Source: Rockland County Health Department
Date Data Arrived at EDR: 03/17/2017	Telephone: 914-364-2605
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 03/04/2019
Number of Days to Update: 189	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017	Source: Rockland County Health Department
Date Data Arrived at EDR: 03/17/2017	Telephone: 914-364-2605
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 03/04/2019
Number of Days to Update: 189	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 12/06/2018	Telephone: 631-854-2521
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 01/28/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 6

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 6

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 01/28/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Semi-Annually

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: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

404 EXTERIOR STREET
404 EXTERIOR STREET
BRONX, NY 10451

TARGET PROPERTY COORDINATES

Latitude (North):	40.817333 - 40° 49' 2.40"
Longitude (West):	73.930569 - 73° 55' 50.05"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	590191.8
UTM Y (Meters):	4518818.5
Elevation:	8 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940599 CENTRAL PARK, NY
Version Date:	2013

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 principle 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).

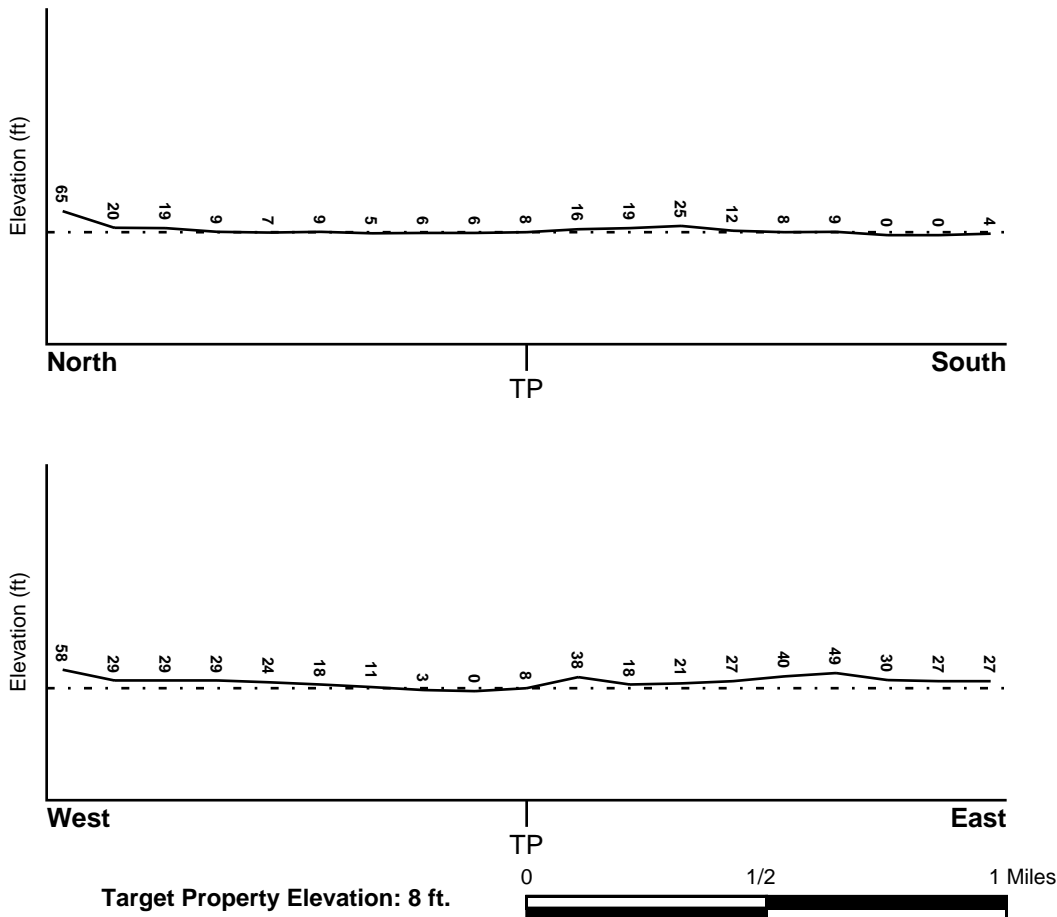
TOPOGRAPHIC INFORMATION

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 NW

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>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
3604970083F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3604970079F	FEMA FIRM Flood data
3604970087F	FEMA FIRM Flood data
3604970091F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
CENTRAL PARK	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: Paleozoic
System: Ordovician
Series: Lower Ordovician and Cambrian carbonate rocks
Code: OC *(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

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000833522	1/4 - 1/2 Mile SSE
2	USGS40000833473	1/2 - 1 Mile South
3	USGS40000833387	1/2 - 1 Mile South
4	USGS40000833768	1/2 - 1 Mile WNW
5	USGS40000833656	1/2 - 1 Mile East
6	USGS40000833928	1/2 - 1 Mile NNE
7	USGS40000833375	1/2 - 1 Mile SSW
A8	USGS40000833669	1/2 - 1 Mile East
9	USGS40000833342	1/2 - 1 Mile SSW
A10	USGS40000833668	1/2 - 1 Mile East
11	USGS40000833622	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

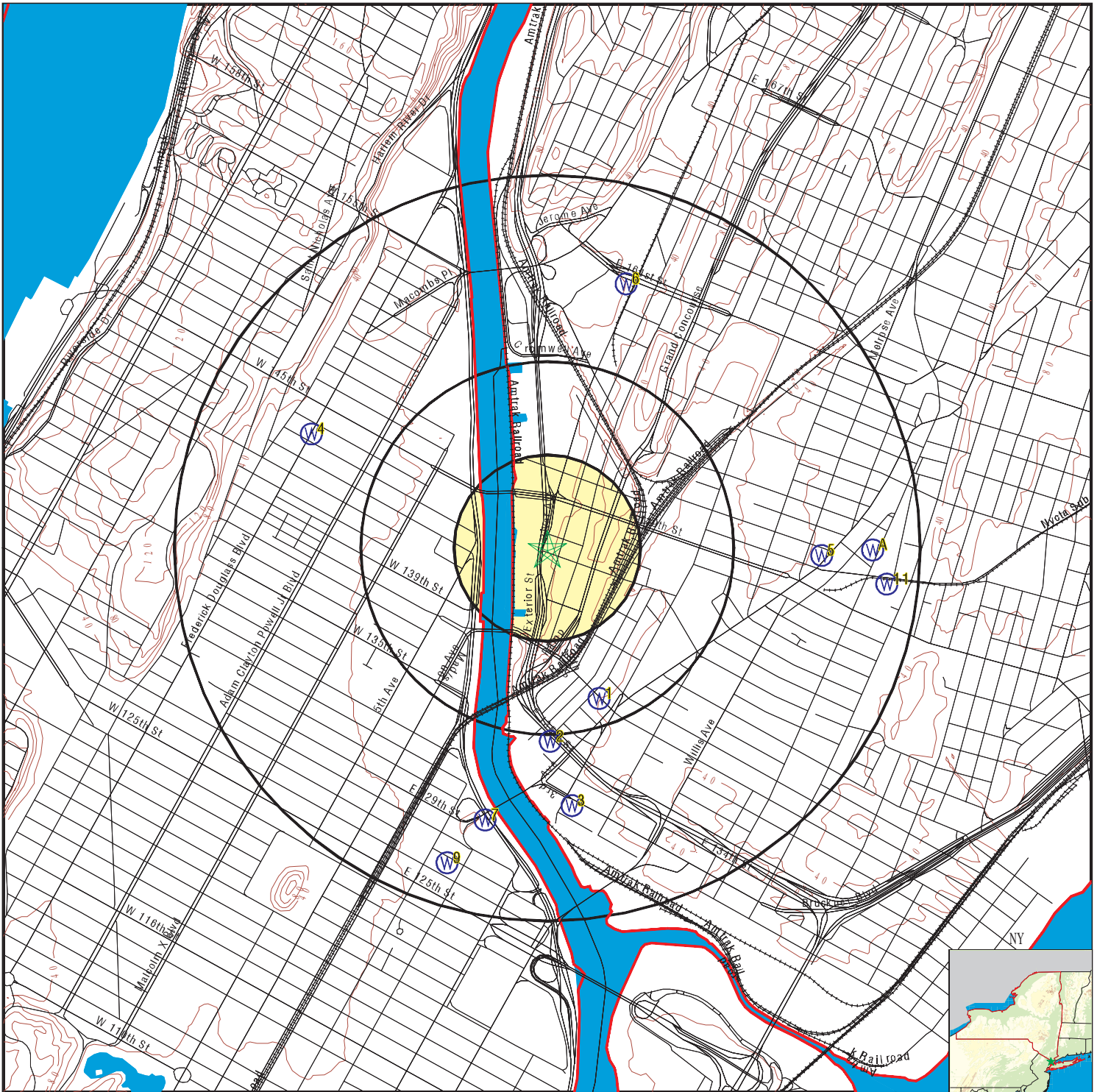
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

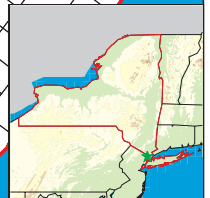
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5589479.2s



- 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: 404 Exterior Street
 ADDRESS: 404 Exterior Street
 Bronx NY 10451
 LAT/LONG: 40.817333 / 73.930569

CLIENT: Langan Engineering, Inc.
 CONTACT: Kyle Twombly
 INQUIRY #: 5589479.2s
 DATE: March 14, 2019 9:29 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000833522

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 49	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	225	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

2
South
1/2 - 1 Mile
Higher

FED USGS USGS40000833473

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 65	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	49	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1951-10-22
Feet below surface:	8	Feet to sea level:	Not Reported
Note:	Not Reported		

3
South
1/2 - 1 Mile
Higher

FED USGS USGS40000833387

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 6	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	36
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

4
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000833768

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	NY 162	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	112	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

5
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833656

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 54	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	133	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

6
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000833928

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 26	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	19500200	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1950-02
Feet below surface:	28	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000833375

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	NY 150	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

A8
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833669

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 3	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	55	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

9
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000833342

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	NY 82	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	30
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A10
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833668

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 75. 1	Type:	Well
Description:	East s/o Brook Ave., 376 ft n/o Westchester Ave.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

HUC:	02030102	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Unconfined single aquifer
Construction Date:	20060810	Well Depth:	25
Well Depth Units:	ft	Well Hole Depth:	25
Well Hole Depth Units:	ft		

**11
East
1/2 - 1 Mile
Higher**

FED USGS USGS40000833622

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	B 12	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	222	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for BRONX 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 BRONX COUNTY, NY

Number of sites tested: 31

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area	0.670 pCi/L	96%	4%	0%
Basement	1.110 pCi/L	42%	58%	0%

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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 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^R 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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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

Source: 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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D

Freedom of Information Act Requests

March 21, 2019

Records Access Officer
New York City Department of Environmental Protection
Bureau of Legal Affairs
59-17 Junction Boulevard, 19th Floor
Corona, New York 11368

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

The Subject Property is located at **404 Exterior Street** in the Mott Haven neighborhood of Bronx, New York, and is identified as **Block 2351, Lot 1** on the New York City Tax Map. The Subject Property has an area of 6,480 square feet and has a total of 47.46 feet of frontage along Major Deegan Expressway, and 100.1 feet of frontage along East 144th Street. The Subject Property is on the block bounded by 440 Major Deegan Expressway to the north, 417 Gerard Avenue to the east, East 144th Street to the south and Major Deegan Expressway to the west. The Subject Property is currently under industrial and manufacturing use. The Subject Property was assigned an E-Designation number (E-227) in 2009 and has an assigned CEQR number (08DCP017X).

Please contact me at 203-784-3048 with any questions or send your response to my attention at ktwombly@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist

March 21, 2019

Records Access Officer
Department of Mental Health and Hygiene
Gotham Center
42-09 28th Street, Floor 14th, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

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New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist

March 21, 2019

Fire Department, City of New York
Bureau of Revenue Management
9 MetroTech East
Brooklyn, NY 11201-3857

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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360 West 31st Street, 8th floor
New York, New York 10001-2727

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**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist



FIRE DEPARTMENT – CITY OF NEW YORK
Public Records Unit / Tanks Section

9 MetroTech Center
 Brooklyn, New York 11201-3857
 (718) 999-2441 or 2442



**Fuel Tank Special Report
 Request Form**

SECTION A

CUSTOMER INFORMATION

Please print the required information below.

Name: Kyle Twombly c/o Langan Engineering
 Address: 560 WEST 31ST ST 8th FLR.
 NEW YORK, NY 10001
 State: Zip Code
 Telephone Number: 203-784-3048

OFFICE USE ONLY

Cashier / Search No. _____

PRU Staff Accepted By/Initials: _____

Searched By: _____

Total Amount: _____

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

SECTION B

FUEL TANK REPORT - FEE \$10.00 / PER REPORT

House Number: 404 Exterior Street Block 2351, Lot 1
 Street Name: Bronx
 Borough: Bronx

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

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

PR3 (July-08)

March 21, 2019

Records Access Office
New York State Department of Health
Corning Tower, Room 2364
Albany, New York 12237-0044
foil@health.ny.gov

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist

March 21, 2019

New York State Department of Environmental Conservation
Region 2 Office
47-40 21st Street
Long Island City, New York 11101

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist

March 21, 2019

United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007

**Re: Freedom of Information Request
404 Exterior Street
Block 2351, Lot 1
Bronx, New York
Langan Project No. 170487001**

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

**Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology, D.P.C.**



Kyle Twombly
Senior Staff Geologist

Request Confirmation

Request Information

Tracking Number

[EPA-R2-2019-004423](#)

Requester Name

Kyle Twombly

Submitted Date

03/21/2019

Request Phase

Submitted

Description

Re: Freedom of Information Request 404 Exterior Street Block 2351, Lot 1 Bronx, New York Langan Project No. 170487001 Dear Sir or Madam: Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have. The Subject Property is located at 404 Exterior Street in the Mott Haven neighborhood of Bronx, New York, and is identified as Block 2351, Lot 1 on the New York City Tax Map. The Subject Property has an area of 6,480 square feet and has a total of 47.46 feet of frontage along Major Deegan Expressway, and 100.1 feet of frontage along East 144th Street. The Subject Property is on the block bounded by 440 Major Deegan Expressway to the north, 417 Gerard Avenue to the east, East 144th Street to the south and Major Deegan Expressway to the west. The Subject Property is currently under industrial and manufacturing use. The Subject Property was assigned an E-Designation number (E-227) in 2009 and has an assigned CEQR number (08DCP017X). Please contact me at 203-784-3048 with any questions or send your response to my attention at ktwombly@langan.com or at the below address: Langan Engineering and Environmental Services, P.C. 21 Penn Plaza 360 West 31st Street, 8th floor New York, New York 10001-2727 Thank you in advance for your cooperation. Sincerely, Langan Engineering, Environmental, Surveying Landscape Architecture, and Geology, D.P.C. Kyle Twombly Senior Staff Geologist

APPENDIX E

New York City Department of Building Records

404 Exterior Street

404 Exterior Street
Bronx, NY 10451

Inquiry Number: 5589479.8
March 14, 2019

EDR Building Permit Report

Target Property and Adjoining Properties

TABLE OF CONTENTS

SECTION

About This Report

Executive Summary

Findings

Glossary

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Langan Engineering, Inc. on Mar 14, 2019.

TARGET PROPERTY

404 Exterior Street
Bronx, NY 10451

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

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.

P//New York City, NY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2019	New York City, Department of Buildings		
2018	New York City, Department of Buildings		X
2017	New York City, Department of Buildings		X
2016	New York City, Department of Buildings		X
2015	New York City, Department of Buildings		X
2014	New York City, Department of Buildings		X
2013	New York City, Department of Buildings		X
2012	New York City, Department of Buildings		X
2011	New York City, Department of Buildings		X
2010	New York City, Department of Buildings		X
2009	New York City, Department of Buildings		X
2008	New York City, Department of Buildings		X
2007	New York City, Department of Buildings		X
2006	New York City, Department of Buildings		X
2005	New York City, Department of Buildings		X
2004	New York City, Department of Buildings		X
2003	New York City, Department of Buildings		X
2002	New York City, Department of Buildings		X
2001	New York City, Department of Buildings		X
2000	New York City, Department of Buildings		X
1999	New York City, Department of Buildings		X
1998	New York City, Department of Buildings		X
1997	New York City, Department of Buildings		X
1996	New York City, Department of Buildings		X
1995	New York City, Department of Buildings		X
1994	New York City, Department of Buildings		X
1993	New York City, Department of Buildings		X
1992	New York City, Department of Buildings		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
1991	New York City, Department of Buildings		X
1990	New York City, Department of Buildings		X
1989	New York City, Department of Buildings		X
1988	New York City, Department of Buildings		X
1987	New York City, Department of Buildings		X
1986	New York City, Department of Buildings		X
1985	New York City, Department of Buildings		X
1984	New York City, Department of Buildings		X
1983	New York City, Department of Buildings		
1982	New York City, Department of Buildings		
1981	New York City, Department of Buildings		
1980	New York City, Department of Buildings		
1979	New York City, Department of Buildings		
1978	New York City, Department of Buildings		
1977	New York City, Department of Buildings		
1976	New York City, Department of Buildings		
1975	New York City, Department of Buildings		
1974	New York City, Department of Buildings		

Name: JurisdictionName

Years: Years

Source: Source

Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: P//New York City, NY
Years: 1974-2019
Source: New York City, Department of Buildings, BRONX, NY
Phone: (212) 566-5000

Name: Southampton town
Years: 1972-2016
Source: Town of Southampton, Land Management, Building and Zoning Division, SOUTHAMPTON, NY
Phone: (631) 287-5700

Name: Eastchester town
Years: 2003-2018
Source: , EASTCHESTER, NY
Phone: (914) 771-3317

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

**404 Exterior Street
Bronx, NY 10451**

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

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

E 144TH ST

120 E 144TH ST

Date: **10/2/2017**
Permit Type: **PL**
Description: **FILING ALT.2 FOR THE INTERIOR KITCHEN RENOVATION AND INSTALLATION OF AN EXHAUST HOOD AS PER PLANS SUBMITTED HEREWITH.**

Permit Description: **PLUMBING**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **PLUMBING**
Permit Number: **220608670-01-PL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PRECISION PLBG SVCS., INC, MPI PLUMBING CORP, PRECISION PLUMBING SERVIC, HYDRO TECH MECH CORP, PRECI**

Date: **9/14/2017**
Permit Type: **EW**
Description: **INSTALLING NEW FIRE SUPPRESSION SYSTEM. NO OTHER WORK TO BE DONE. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **FIRE SUPPRESSION**
Permit Number: **220613405-01-EW-FP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **MASTER FIRE MECH CORP, MASTER FIRE SYSTEMS, INC, MASTER FIRE SYSTEMS INC, MASTER FIRE PREV. SYS INC,**

ADJOINING PROPERTY FINDINGS

Date: **12/11/2015**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 220478310-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: NORTH SHORE NEON SIGN CO, NORTH SHORE NEON SIGN C, N SHORE NEON SIGN CO. INC, NORTH SHORE NEON SIGN

Date: **12/10/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175856

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **11/18/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175596

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/26/2015**
Permit Type: **EW**
Description: **GENERAL CONSTRUCTION TO CREATE ACCESSORY OFFICE SPACE AS PER PLANS FILED HEREWITH.RENOVATE EXISTING BATHROOM, REPLACE FIXTURES. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220473075-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **COOK & KRUPA LLC, COOK AND KRUPA, COOK&KRUPA LLC, COOK & KRUPA,LLC, COOK & KRUPA, LLC, COOK AND KRUP**

Date: **8/26/2015**
Permit Type: **EW**
Description: **INSTALL EXHAUST SYSTEM AS PER PLANS PROVIDED HEREWITH. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **220473075-02-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **COOK & KRUPA LLC, COOK AND KRUPA, COOK&KRUPA LLC, COOK & KRUPA,LLC, COOK & KRUPA, LLC, COOK AND KRUP**

ADJOINING PROPERTY FINDINGS

Date: **10/18/2006**
Permit Type: **EW**
Description: **PROPOSED TO INSTALL A NEW FIRE SUPPRESSION SYSTEM ALL AS PER PLANS FILLED HEREWITH.NO CHANGE IN USE OCCUPANCY OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **FIRE SUPPRESSION**
Permit Number: **201082773-01-EW-FP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **MASTER FIRE MECH CORP, MASTER FIRE SYSTEMS, INC, MASTER FIRE SYSTEMS INC, MASTER FIRE PREV. SYS INC,**

Date: **10/19/2004**
Permit Type: **EW**
Description: **INSTALL FIRE SUPPRESSION SYSTEM ONLY NO CHANGE IN USE,EGRESS OR OCCUP ANCY**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **FIRE SUPPRESSION**
Permit Number: **200913173-01-EW-FP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CHIEF FIRE PREV.& MECH CO, CHIEF FIRE PREVENTION & M, CHIEF FIRE PREVENTION &, CHIEF FIRE PREVENTION**

ADJOINING PROPERTY FINDINGS

Date: **12/18/1997**

Permit Type: **EW**

Description:

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 200484323-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: GIL MECHANICAL, GIL MECH. CO INC., GIL MECH. CO INC., GIL MECH. CO IC., GIL MECHANICAL CO., INC., G

Date: **12/18/1997**

Permit Type: **PL**

Description:

Permit Description: **PLUMBING**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: PLUMBING

Permit Number: 200484323-01-PL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: GIL MECHANICAL, GIL MECH. CO INC., GIL MECH. CO INC., GIL MECH. CO IC., GIL MECHANICAL CO., INC., G

ADJOINING PROPERTY FINDINGS

Date: **10/16/1997**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 200437465-01-EW-SP
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BUCKMILLER AUTO SPKLR COR, BUCKMILLER AUTOMATIC SPRINKLER,
BUCKMILLER AUTOMATIC, BUCKMILLER AUT., BU

Date: **10/25/1993**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y062293
Status: AWAITING INSPECTION REQUEST
Valuation: \$0.00
Contractor Company:
Contractor Name: HARLEY ELECTRIC CO., INC. IRA KATZ, HARLEY ELECTRIC CO., INC. HARRY KATZ,
HARLEY ELECTRIC CO., INC.

ADJOINING PROPERTY FINDINGS

125 E 144TH ST

Date: **12/10/1997**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y086260

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: PAPPAS & FODERA ELECT'L FRANK FODERA, PAPPAS & FODERA ELECT'L

Date: **3/20/1990**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y035854

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: 3 L & J ELECT'L MAINT. L HERNANDEZ

ADJOINING PROPERTY FINDINGS

E 146TH ST

135 E 146TH ST

Date: 4/6/2009
Permit Type: EW
Description: PROPOSED REPLACEMENT OF WINDOWS AND FILLING OTHERS WITH NEW MASONRY. ALL AS PER PLANS FILED HEREWITH. NO CHANGE IN USE, EGRESS OR OCCUPANCY

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 210066284-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BILTMORE GENERAL CONTRACT, BILTMORE GENERAL CONTR IN, BILTMORE GENERAL CONTR.IN, BILTMORE CONTRACTIN

200 E 146TH ST

Date: 5/10/2012
Permit Type: EQ
Description: INSTALLATION OF A HEAVY DUTY SIDEWALK SHED APPROXIMATELY 500' LONG AS PER PLANS DURING NB CONSTRUCTION. NO CHANGE IN USE, EGRESS OR OCCUPANCY. SHED TO COMPLY WITH CHAPTER 33 OF NYC BUILDING CODE OF 2008.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 220121384-01-EQ-SH
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ALL-SAFE LLC, TRADITIONAL LINE, LTD, ALLSAFE LLC, ALL SAFE LLC, ALL SAFE LLC.

ADJOINING PROPERTY FINDINGS

Date: **4/10/2012**
Permit Type: **EQ**
Description: **INSTALLATION OF A ROOF PROTECTION AS PER PLANS DURING NB CONSTRUCTION. NO CHANGE IN USE, EGRESS OR OCCUPANCY. ROOF PROTECTION TO COMPLY WITH CHAPTER 33 OF NYC BUILDING CODE OF 2008.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220121393-01-EQ-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ALL-SAFE LLC, TRADITIONAL LINE, LTD, ALLSAFE LLC, ALL SAFE LLC, ALL SAFE LLC.**

Date: **4/10/2012**
Permit Type: **EQ**
Description: **INSTALLATION OF A PLYWOOD FENCE ATTACHED TO INSIDE SHED LEGS (FILED SEPARATELY)AS PER PLANS DURING NB CONSTRUCTION. NO CHANGE IN USE, EGRESS OR OCCUPANCY. FENCE TO COMPLY WITH CHAPTER 33 OF NYC BUILDING CODE OF 2008.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220121400-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ALL-SAFE LLC, TRADITIONAL LINE, LTD, ALLSAFE LLC, ALL SAFE LLC, ALL SAFE LLC.**

ADJOINING PROPERTY FINDINGS

Date: **7/20/2011**
Permit Type: **EW**
Description: **HEREWITH FILING DEMOLITION OF SPRINKLERS IN BUILDINGS 200, 212 AND 214 EAST 146TH STREET ALL ON BLOCK 2335 LOT 6 FILED IN CONJUNCTION WITH DEMOLITION APPLICATION #'S 220118352, 220118361, 220118370.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **SPRINKLER**
Permit Number: **220124782-01-EW-SP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CURRENT FIRE PROTECTION I, CURRENT FIRE PROTECTION INC., CURRENT FIRE PROTECTION INC, CURRENT PROTEC**

Date: **6/28/2011**
Permit Type: **DM**
Description: **FULL DEMOLITION OF FOUR STORY BUILDING, USING MECHANICAL MEANS.**

Permit Description: **DEMOLITION & REMOVAL**
Work Class: **DM - FULL DEMOLITION**
Proposed Use:
Permit Number: **220118352-01-DM**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **LJC DISMANTLING CORP, L J C DISMANTLING CORP, LJC DISMANTLING CORPORATION, LJC DISMANTLING CORP., LJC**

ADJOINING PROPERTY FINDINGS

Date: **6/28/2011**
Permit Type: **EQ**
Description: **FULL DEMOLITION OF FOUR STORY BUILDING, USING MECHANICAL MEANS.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **DM - FULL DEMOLITION**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220118352-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **LJC DISMANTLING CORP, L J C DISMANTLING CORP, LJC DISMANTLING CORPORATION, LJC DISMANTLING CORP., LJC**

Date: **6/24/2011**
Permit Type: **EQ**
Description: **INSTALLATION OF SCAFFOLD AS PER DRAWINGS, DURING BUILDING DEMOLITION FILED SEPARATELY UNDER APPLICATION # 220118352. SCAFFOLD SHALL COMPLY WITH CHAPTER #33 OF THE 2008 CODE. NO CHANGE IN USE, OCCUPANCY OR EGRESS UNDER THIS APPLICATION.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220124069-01-EQ-SF**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SKYLINE SCAFFOLDING GROUP, SKYLINE SCAFFOLDING LLC, SKYLINE SCAFFOLDING LLC., SKYLINE SCAFFOLDING L**

ADJOINING PROPERTY FINDINGS

E 149TH ST

100 E 149TH ST

Date: **1/3/2018**
Permit Type: **AL**
Description: **REMOVAL OF SIGN AND SIGN STRUCTURE. FOUNDATION STAYS. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **ALTERATION**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220619383-01-AL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT**

Date: **2/12/2002**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: **Y108926**
Status: **AWAITING INSPECTION REQUEST**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **EMPIRE ERECTORS & ELEC'L JOSEPH MYERJACK, JR.**

ADJOINING PROPERTY FINDINGS

Date: **6/30/2000**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y099579

Status: LOCATION PROBLEM

Valuation: \$0.00

Contractor Company:

Contractor Name: STAT ELECTRIC INC. HOWARD ZAMKOFF, STAT ELECTRIC INC.

Date: **3/29/2000**

Permit Type: **EW**

Description:

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 200527108-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

Date: **3/24/2000**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 200527082-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

ADJOINING PROPERTY FINDINGS

Date: **3/24/2000**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200527091-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

110 E 149TH ST

Date: **8/3/2015**
Permit Type: **DM**
Description: **FULL DEMOLITION OF ONE STORY BUILDING**

Permit Description: **DEMOLITION & REMOVAL**
Work Class: DM - FULL DEMOLITION
Proposed Use:
Permit Number: 220428516-01-DM
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: UNITED INDUSTRIES & CONST, UNITED INDUSTRIES & CONSTRUCTION, UNITED INDUSTRIES & CONSTR, UNITED INDU

ADJOINING PROPERTY FINDINGS

Date: **7/31/2015**
Permit Type: **EQ**
Description: **FULL DEMOLITION OF ONE STORY BUILDING**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: DM - FULL DEMOLITION
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 220428516-01-EQ-FN
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: UNITED INDUSTRIES & CONST, UNITED INDUSTRIES & CONSTRUCTION, UNITED INDUSTRIES & CONSTR, UNITED INDU

Date: **10/31/2005**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y129222
Status: CLOSED/CANCELLED
Valuation: \$0.00
Contractor Company:
Contractor Name: DAOTEK ELECTRIC INC. SON DAO, DAOTEK ELECTRIC INC. PEDRO TORRES

Date: **1/10/2000**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y097457
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: JOHN CAPPELLI ELEC'L INST RICHARD NANNETTI, JOHN CAPPELLI ELEC'L INST JOSEPH GENOVESE

ADJOINING PROPERTY FINDINGS

Date: **11/9/1999**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 200591724-01-EW-MH
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: TRISTATE INDUSTRIAL SYSTEMS CORP, TRI-STATE, TRI STATE REFRIGERATION & CONST, TRI-STATE REFREGERATIO

Date: **11/9/1999**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200591724-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: TRISTATE INDUSTRIAL SYSTEMS CORP, TRI-STATE, TRI STATE REFRIGERATION & CONST, TRI-STATE REFREGERATIO

ADJOINING PROPERTY FINDINGS

Date: **3/11/1999**
Permit Type: **AL**
Description:

Permit Description: **ALTERATION**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200563372-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: JOHN CAPPELLI ERECTORS IN, JOHN CAPPELLI ERECTORS INC, JOHN CAPPELLI ERECTORS, JOHN CAPPELLI ERECTOR

Date: **3/11/1999**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200563381-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: JOHN CAPPELLI ERECTORS IN, JOHN CAPPELLI ERECTORS INC, JOHN CAPPELLI ERECTORS, JOHN CAPPELLI ERECTOR

ADJOINING PROPERTY FINDINGS

Date: **3/11/1999**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 200563390-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: JOHN CAPPELLI ERECTORS IN, JOHN CAPPELLI ERECTORS INC, JOHN CAPPELLI ERECTORS, JOHN CAPPELLI ERECTOR

Date: **7/5/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X10768

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: BLAKE ELEC. CONTR. CO., I PETER BLAKE, BLAKE ELEC. CONTR. CO., I

ADJOINING PROPERTY FINDINGS

EAST 146 STREET

100 EAST 146 STREET

Date: **2/14/2014**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y167414

Status: Open

Valuation: \$0.00

Contractor Company:

Contractor Name: ELECTROTEC OF NY ELECL IN ROOPCHAND SINGH, ELECTROTEC OF NY ELECL IN WILLIAM GOLDENBAUM, ELECTROTEC

110 EAST 146 STREET

Date: **2/19/2014**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y167450

Status: Open

Valuation: \$0.00

Contractor Company:

Contractor Name: ELECTROTEC OF NY ELECL IN ROOPCHAND SINGH, ELECTROTEC OF NY ELECL IN WILLIAM GOLDENBAUM, ELECTROTEC

ADJOINING PROPERTY FINDINGS

EXTERIOR ST

325 EXTERIOR ST

Date: **8/16/2017**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: Y183938
Status: AWAITING INSPECTION REQUEST
Valuation: \$0.00
Contractor Company:
Contractor Name: BIGMAN BROS., INC.

Date: **7/25/2017**
Permit Type: **AL**
Description: **INSTALLATION OF A TEMPORARY UNMANNED TELECOMMUNICATION MONOPOLE ON BALLAST FRAME ON GRADE. INSTALL TEMPORARY CELL ON WHEELS 'COW' EQUIPMENT TRAILER WITH RELATED TELECOMMUNICATION EQUIPMENT ON GRADE. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **ALTERATION**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220604512-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEL TECH ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date: **1/24/2001**
Permit Type: **EW**
Description: **REPLACE BOILER AND OIL BURNER.NO CHANGE IN EGRSS,OCCUPANCY OR USE UNDER THIS APPLICATION.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **BOILER**
Permit Number: **200654336-01-EW-BL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ACE ATLAS CORP, ACE ATALS CORP, ACE ATLAS CORPORATION, ACE ATLAS CONSTRUCTION, ACE ATLAS CORP., ACE**

Date: **1/24/2001**
Permit Type: **EW**
Description: **REPLACE BOILER AND OIL BURNER.NO CHANGE IN EGRSS,OCCUPANCY OR USE UNDER THIS APPLICATION.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **FUEL BURNING**
Permit Number: **200654336-01-EW-FB**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ACE ATLAS CORP, ACE ATALS CORP, ACE ATLAS CORPORATION, ACE ATLAS CONSTRUCTION, ACE ATLAS CORP., ACE**

ADJOINING PROPERTY FINDINGS

355 EXTERIOR ST

Date: **7/10/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y173789

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **1/11/2005**

Permit Type: **EW**

Description: **INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS, NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER THIS APPLICATION.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: MECHANICAL/HVAC

Permit Number: 200925320-01-EW-MH

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: PELHAM PLUMBING & HTG COR, PELHAM PLUMBING & HEATING, PELHAM PLG & HTG CORP, PELHAM PLG AND HTG CORP

ADJOINING PROPERTY FINDINGS

Date: **1/11/2005**
Permit Type: **EW**
Description: **INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS, NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER THIS APPLICATION.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **200925320-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PELHAM PLUMBING & HTG COR, PELHAM PLUMBING & HEATING, PELHAM PLG & HTG CORP, PELHAM PLG AND HTG CORP**

Date: **1/11/2005**
Permit Type: **PL**
Description: **INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS, NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER THIS APPLICATION.**

Permit Description: **PLUMBING**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **PLUMBING**
Permit Number: **200925320-01-PL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PELHAM PLUMBING & HTG COR, PELHAM PLUMBING & HEATING, PELHAM PLG & HTG CORP, PELHAM PLG AND HTG CORP**

ADJOINING PROPERTY FINDINGS

Date: **11/7/1996**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y080458

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH WEINSTEIN ELECTRIC MARTIN WEINSTEIN, JOSEPH WEINSTEIN
ELECTRIC

Date: **11/15/1988**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y025724

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS
DOYLE

ADJOINING PROPERTY FINDINGS

399 EXTERIOR ST

Date: **11/15/2018**
Permit Type: **EW**
Description: **REMOVAL OF TWO EXISTING ABANDONED UNDERGROUND STORAGE TANKS, AS PER PLANS FILED HERewith. NO CHANGE TO USE, EGRESS OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220654726-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **AARCO ENVIRONMENTAL SERVI, AARCO ENVIRONMENTAL SERVICES, CO, AARCO ENVIRONMENTAL SERVICE CORP, AARCO**

Date: **10/27/2017**
Permit Type: **AL**
Description: **MODIFICATION OF SIGN STRUCTURE FILED UNDER PERMIT ISSUED BY THE CITY OF NEW YORK DEPARTMENT OF BUSINESS SERVICES #99034 ON NOV. 18,1999. NO CHANGE OF USE, EGRESS OR OCCUPANCY.**

Permit Description: **ALTERATION**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220597771-01-AL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT**

ADJOINING PROPERTY FINDINGS

Date: **10/27/2017**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 220597762-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

Date: **5/16/2016**

Permit Type: **EW**

Description: **PROPOSED INSTALLATION OF RACK MOUNTED FIRE SUPPRESSION SYSTEM OVER FUEL DISPENSING ISLANDS AS PER PLANS FILED HEREWITH. NO CHANGE TO USE, EGRESS OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: FIRE SUPPRESSION

Permit Number: 220456352-01-EW-FP

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: FIREMASTERS, ACTION FIRE SVC COMP INC, FIREMASTER, FIRE MASTERS, FIREMASTERS VENTION, FIREMASTERS

ADJOINING PROPERTY FINDINGS

Date: **2/28/2000**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y097988

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JOHN CAPPELLI ELEC'L INST RICHARD NANNETTI, JOHN CAPPELLI ELEC'L INST
JOSEPH GENOVESE

Date: **8/5/1999**

Permit Type: **AL**

Description:

Permit Description: **ALTERATION**

Work Class: A3 - ALTERATION TYPE 3

Proposed Use:

Permit Number: 200581414-01-AL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: MID ISLAND CONTRACTING CO, MILD ISAND CONTRACTING CORP, MID ISLAND
CONTRACTING CORP, MID ISLAND CONT

ADJOINING PROPERTY FINDINGS

Date: **4/7/1990**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y036389

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: AL-BA ELECTRICAL CORP. JAMES BASILE, AL-BA ELECTRICAL CORP. ROBERT ALESSI, AL-BA ELECTRICAL CORP.

Date: **3/17/1990**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y036372

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: AL-BA ELECTRICAL CORP. JAMES BASILE, AL-BA ELECTRICAL CORP. ROBERT ALESSI, AL-BA ELECTRICAL CORP.

ADJOINING PROPERTY FINDINGS

Date: **10/10/1989**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y032581

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: INNER CITY ELEC'L CONTR'S FRANK LA GREGA, INNER CITY ELEC'L CONTR'S SALVATORE ANELLI, INNER CITY ELE

440 EXTERIOR ST

Date: **12/23/2013**

Permit Type: **AL**

Description: **REMOVAL OF SIGN & SIGN STRUCTURE. NO CHANGE IN USE, EGRESS OR OCCUPANCY**

Permit Description: **ALTERATION**

Work Class: A3 - ALTERATION TYPE 3

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 220342163-01-AL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: CLEAR CHANNEL OUTDOOR INC

ADJOINING PROPERTY FINDINGS

441 EXTERIOR ST

Date: **7/11/2007**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y137317

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: ROYAL ELEC'L & WIRING COR THOMAS CARNEY, ROYAL ELEC'L & WIRING COR

Date: **3/29/2004**

Permit Type: **AL**

Description:

Permit Description: **ALTERATION**

Work Class: A3 - ALTERATION TYPE 3

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 200560749-01-AL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

ADJOINING PROPERTY FINDINGS

Date: **1/14/1999**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200560721-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

Date: **1/14/1999**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200560730-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: EMPIRE ERECTORS & ELECTRI, EMPIRE ERECTORS & ELEC CO, EMPIRE ERECTORS AND ELCTRICAL CO, EMPIRE ERECT

ADJOINING PROPERTY FINDINGS

475 EXTERIOR ST

Date: **3/31/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X0003158711EL

Status: Permit Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: LIPPOLIS ELECTRIC, INC.

Date: **3/30/2018**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y187275

Status: (SEE DOB NOW BUILD)

Valuation: \$0.00

Contractor Company:

Contractor Name: LIPPOLIS ELECTRIC, INC. CARMINE LIPPOLIS, LIPPOLIS ELECTRIC, INC.

ADJOINING PROPERTY FINDINGS

Date: **7/8/2013**
Permit Type: **AL**
Description: **TO REMOVE SIGN AND SIGN STRUCTUTRE. NO CHANGE IN USE, EGRESS OR OCCUPANCY. WE ARE REMOVING THE SUPPER STRUCTURE OF A SIGN WITHOUT DISTURBING THE SITE & WITHOUT EXPOSING THE PUBLIC TO ANY HAZARDOUD MATERIAL.**

Permit Description: **ALTERATION**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220320356-01-AL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CLEAR CHANNEL OUTDOOR INC**

Date: **12/12/2008**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: **Y144731**
Status: **AWAITING INSPECTION REQUEST**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **JOHN A. ROUBLICK JOHN ROUBLICK**

ADJOINING PROPERTY FINDINGS

Date: **5/28/2008**
Permit Type: **EW**
Description: **FILING FOR THE INSTALLATION OF TWO(2) GAS-FIRED (SPLIT) HVAC SYSTEMS COMPOSED OF TWO(2) INDOOR FURNACE UNITS, TWO(2) COOLING COILS, & TWO(2) OUTDOOR (ROOF-MOUNTED) COMPRESSOR/ CONDENSER UNITS, WITH A TOTAL COOLING CAPACITY OF 6 TONS. GAS PLUMBING FILED PREVIOUSLY UNDER APPLICATION# 200509235. NO CHANGE TO USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **210049570-01-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BCA MECHANICAL SYSTEMS IN, BCA MECHANICAL SYSTEMS, INC., BCA MECHANICAL SYSTEMS INC, BCA MECHANICAL**

Date: **5/28/2008**
Permit Type: **EW**
Description: **FILING FOR THE INSTALLATION OF TWO(2) GAS-FIRED (SPLIT) HVAC SYSTEMS COMPOSED OF TWO(2) INDOOR FURNACE UNITS, TWO(2) COOLING COILS, & TWO(2) OUTDOOR (ROOF-MOUNTED) COMPRESSOR/ CONDENSER UNITS, WITH A TOTAL COOLING CAPACITY OF 6 TONS. GAS PLUMBING FILED PREVIOUSLY UNDER APPLICATION# 200509235. NO CHANGE TO USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **210049570-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BCA MECHANICAL SYSTEMS IN, BCA MECHANICAL SYSTEMS, INC., BCA MECHANICAL SYSTEMS INC, BCA MECHANICAL**

ADJOINING PROPERTY FINDINGS

Date: **5/28/2008**
Permit Type: **EW**
Description: **TO FILE FOR ONE(1) REPLACEMENT, GAS-FIRED, HVAC (PACKAGED/ ROOFTOP) UNIT WITH A TOTAL COOLING CAPACITY OF 10 TONS. NO CHANGE TO SUPPORTS, DUCTWORK, AND NO NEW PLUMBING. EXISTING GAS PLUMBING FILED UNDER PREVIOUS APPLICATION# 200632413. NO CHANGE TO USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **210049589-01-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BCA MECHANICAL SYSTEMS IN, BCA MECHANICAL SYSTEMS, INC., BCA MECHANICAL SYSTEMS INC, BCA MECHANICAL**

Date: **1/6/2004**
Permit Type: **EW**
Description: **To install concrete batching plant and hot water heater in existing building filing under #200632413. No change of use, occupancy or egress.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **200807172-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **DEEGAN CONTRACTING LLC, DEEGAN CONTRACTING, LLC, SJP CONTRACTORS OF N.Y., JP CONTRACTORS OF N.Y., D**

ADJOINING PROPERTY FINDINGS

Date: **5/19/2003**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y115421

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JECO ELEC'L SERVICE CORP. JESUS CORPORAN, JECO ELEC'L SERVICE CORP.

Date: **6/25/2001**

Permit Type: **NB**

Description:

Permit Description: **NEW BUILDING**

Work Class: NB - NEW BUILDING

Proposed Use:

Permit Number: 200632413-01-NB

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: DEEGAN CONTRACTING LLC, DEEGAN CONTRACTING, LLC, SJP CONTRACTORS OF N.Y., JP CONTRACTORS OF N.Y., D

Date: **9/14/2000**

Permit Type: **PL**

Description:

Permit Description: **PLUMBING**

Work Class: NB - NEW BUILDING

Proposed Use: PLUMBING

Permit Number: 200509235-01-PL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: ACCURATE MECHANICAL INC, AMD & ASSOCIATES INC, AMD &.ASSOCIATES INC, AMD & ASSOCIATES, INC., NEPTUNE

ADJOINING PROPERTY FINDINGS

Date: **2/23/2000**
Permit Type: **NB**
Description:

Permit Description: **NEW BUILDING**
Work Class: NB - NEW BUILDING
Proposed Use:
Permit Number: 200509235-01-NB
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: DEEGAN CONTRACTING LLC, DEEGAN CONTRACTING, LLC, SJP CONTRACTORS OF N.Y., JP CONTRACTORS OF N.Y., D

Date: **12/20/1999**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y097025
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: EXPRESS ELECTRIC CO. CHARLES LUCCARELLI, EXPRESS ELECTRIC CO.

Date: **4/28/1998**
Permit Type: **DM**
Description:

Permit Description: **DEMOLITION & REMOVAL**
Work Class: DM - FULL DEMOLITION
Proposed Use:
Permit Number: 200509850-01-DM
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: DEEGAN CONTRACTING LLC, DEEGAN CONTRACTING, LLC, SJP CONTRACTORS OF N.Y., JP CONTRACTORS OF N.Y., D

ADJOINING PROPERTY FINDINGS

Date: **3/25/1998**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y087929

Status: NO JOB PROGRESS

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

Date: **3/25/1998**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y087927

Status: NO JOB PROGRESS

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

Date: **10/8/1996**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y080440

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name: STAT ELECTRIC INC. HOWARD ZAMKOFF, STAT ELECTRIC INC.

ADJOINING PROPERTY FINDINGS

Date: **7/10/1991**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y045604

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

Date: **2/25/1991**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y043186

Status: VIOLATN PENDING AT CONTRACTOR

Valuation: \$0.00

Contractor Company:

Contractor Name: MONTANA ELEC'L DECORATING E HESSEMER, MONTANA ELEC'L DECORATING R
MCDONALD, MONTANA ELEC'L DECORATIN

Date: **5/10/1990**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y037067

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

ADJOINING PROPERTY FINDINGS

Date: **11/15/1988**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y025863

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

Date: **11/21/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: 042416

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: DAIDONE ELECTRIC OF NY IN WILLIAM TORTORELLI, DAIDONE ELECTRIC OF NY
IN ROGER VECCHIO, DAIDONE ELECT

ADJOINING PROPERTY FINDINGS

500 EXTERIOR ST

Date: **4/10/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y150995

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: ALEF ELEC'L CONTR'G INC

Date: **3/2/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X0002343211EL

Status: Permit Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: JONG HYUN KIM

Date: **2/28/2018**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y186811

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: JONG HYUN KIM

ADJOINING PROPERTY FINDINGS

Date: **10/21/2017**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y184948

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: HING ELECTRICAL CO., INC.

Date: **8/28/2017**

Permit Type: **PL**

Description: **INSTALL ONE GAS BOOSTER PUMP IN SUBCELLAR GAS METER ROOM TO PROVIDE MINIMUM REQUIRED GAS PRESSURE FOR GAS EQUIPMENT IN THE BUILDING. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **PLUMBING**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: PLUMBING

Permit Number: 240196079-01-PL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: CENTRIFUGAL MECHANICAL CO, GREAT CITY PLUMBING INC, FLEET PLBG AND HTG INC, TRUFLOW PLBG & HTG, LLC,

ADJOINING PROPERTY FINDINGS

Date: **6/15/2017**
Permit Type: **AL**
Description: **FIRE PROTECTION PLAN IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **ALTERATION**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220537792-01-AL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **TRIBOROUGH CONSTRUCTION S, DLC DEVELOPMENT CORP, MC SUPERSTRUCTURE INC**

Date: **5/15/2017**
Permit Type: **NB**
Description: **PROPOSED 11STORY NEW HOTEL**

Permit Description: **NEW BUILDING**
Work Class: **NB - NEW BUILDING**
Proposed Use:
Permit Number: **210107677-01-NB**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PANE STONE CONSTRUCTION**

ADJOINING PROPERTY FINDINGS

Date: **4/6/2017**
Permit Type: **EW**
Description: **INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **FUEL STORAGE**
Permit Number: **220016186-01-EW-FS**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **JACK PICCINI, INC, JACK PICCINI INC, JACK PICCINI INC., JACK PICCINI INC, JACK PICCINI INC., J P**

Date: **3/16/2017**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: **Y181573**
Status: **COMPLETED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **HIGH POWER CONSTRUCTION C, HIGH POWER CONSTR. CORP*, HIGH POWER CONSTR. CORP, HIGH POWER CONSTRUCTION**

ADJOINING PROPERTY FINDINGS

Date: **2/22/2017**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 220563423-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: NEPTUNE SIGNS&AWNINGS INC, NEPTUNE SIGNS & AWNING INC., NEPTUNE SIGN & AWNING INC, NEPTUNE SIGNS & A

Date: **2/22/2017**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 220584268-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: NEPTUNE SIGNS&AWNINGS INC, NEPTUNE SIGNS & AWNING INC., NEPTUNE SIGN & AWNING INC, NEPTUNE SIGNS & A

ADJOINING PROPERTY FINDINGS

Date: **1/25/2017**
Permit Type: **EW**
Description: **INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **STAND PIPE**
Permit Number: **220016186-01-EW-SD**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **GO PRO FIRE PROTECTION C, BEST PLUMBING & HEATING I, COMMERCIAL FIRE PROT SVCS, MJM SPRINKLER INC, P**

Date: **1/25/2017**
Permit Type: **EW**
Description: **INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **SPRINKLER**
Permit Number: **220016186-01-EW-SP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **GO PRO FIRE PROTECTION C, BEST PLUMBING & HEATING I, COMMERCIAL FIRE PROT SVCS, MJM SPRINKLER INC, P**

ADJOINING PROPERTY FINDINGS

Date: **1/25/2017**
Permit Type: **EW**
Description: **INSTALLATION OF TEMPORARY STANDPIPE WITH AN AIR ALARM, AS PER LOCAL LAWS 64 OF 2009 IN CONJUNCTION WITH NB 210107677. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **STAND PIPE**
Permit Number: **220462719-01-EW-SD**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **GO PRO FIRE PROTECTION C, BEST PLUMBING & HEATING I, COMMERCIAL FIRE PROT SVCS, MJM SPRINKLER INC, P**

Date: **5/27/2016**
Permit Type: **PL**
Description: **INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **PLUMBING**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **PLUMBING**
Permit Number: **220016186-01-PL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **FLEET PLBG AND HTG INC, TRUFLOW PLBG & HTG, LLC**

ADJOINING PROPERTY FINDINGS

Date: **5/24/2016**
Permit Type: **EQ**
Description: **PROPOSED 11STORY NEW HOTEL**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **NB - NEW BUILDING**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **210107677-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PANE STONE CONSTRUCTION**

Date: **3/10/2016**
Permit Type: **EQ**
Description: **INSTALLATION OF SIDEWALK SHED AS PER PLAN IN CONJUNCTION WITH NB 210107677. WORK SHALL COMPLY WITH 2014 BUILDING CODE CHAPTER 33. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240091896-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **TRI BOROUGH SCAFFOLDING**

ADJOINING PROPERTY FINDINGS

Date: **3/4/2016**
Permit Type: **EQ**
Description: **INSTALLATION OF PIPE SCAFFOLD AS PER PLAN IN CONJUNCTION WITH NB 210107677. WORK SHALL COMPLY WITH 2014 BUILDING CODE CHAPTER 33. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240092163-01-EQ-SF**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **TRI BOROUGH SCAFFOLDING**

Date: **3/4/2016**
Permit Type: **EQ**
Description: **INSTALLATION OF 6,000 LBS GJJ SC300GD SINGLE CAR PERSONAL/MATERIAL HOIST AS PER PLAN IN CONJUNCTION WITH NB 210107677. WORK SHALL COMPLY WITH A10.4-81, DOB RS18-7 AND 2014 BUILDING CODE. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240092323-01-EQ-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **TRI BOROUGH SCAFFOLDING**

ADJOINING PROPERTY FINDINGS

Date: **11/26/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175692

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **11/6/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175461

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **5/4/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: NEW BUILDING

Proposed Use:

Permit Number: Y172952

Status: AWAITING INSPECTION REQUEST, Open

Valuation: \$0.00

Contractor Company:

Contractor Name: E D ELECTRICAL INC KWOK WAH TANG, E D ELECTRICAL INC

ADJOINING PROPERTY FINDINGS

Date: **3/9/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y172239

Status: AWAITING INSPECTION REQUEST, Open

Valuation: \$0.00

Contractor Company:

Contractor Name: V. VASS ELECTRIC CORP VAN VASSELL, V. VASS ELECTRIC CORP

Date: **7/20/2014**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: NEW BUILDING

Proposed Use:

Permit Number: Y169454

Status: Open

Valuation: \$0.00

Contractor Company:

Contractor Name: E D ELECTRICAL INC KWOK WAH TANG, E D ELECTRICAL INC

Date: **3/28/2011**

Permit Type: **EW**

Description: **INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: MECHANICAL/HVAC

Permit Number: 220016186-01-EW-MH

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: PANE STONE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **1/4/2011**
Permit Type: **EQ**
Description: **SHORING AND SUPPORT OF EXCAVATION WORK IN CONJUNCTION WITH NB 210107677.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 220077066-01-EQ-FN
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: PANE STONE CONSTRUCTION

Date: **1/4/2011**
Permit Type: **EW**
Description: **SHORING AND SUPPORT OF EXCAVATION WORK IN CONJUNCTION WITH NB 210107677.**

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220077066-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: PANE STONE CONSTRUCTION

Date: **9/22/2010**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y152980
Status: AWAITING INSPECTION REQUEST
Valuation: \$0.00
Contractor Company:
Contractor Name: HESTER ELECTRICAL INC JOSEPH ALAIMO, HESTER ELECTRICAL INC

ADJOINING PROPERTY FINDINGS

Date: **8/12/2010**
Permit Type: **EQ**
Description: **INSTALLATION OF A HEAVY DUTY SIDEWALK SHED APPROXIMATELY 200 FEET LONG AS PER PLANS DURING FACADE RESTORATION. SIDEWALK SHED TO COMPLY WITH NEW YORK CITY BUILDING CODE 2008, CHAPTER 33. NO CHANGES IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220060467-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ADVANCED SCAFFOLD SER.LLC, ADVANCED SCAFFOLD SERVICE**

GERARD AVE

350 GERARD AVE

Date: **11/21/2018**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: **X00101666I1EL**
Status: **Permit Issued**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **GEMINI ELECTRIC CO., INC.**

ADJOINING PROPERTY FINDINGS

Date: **3/10/2017**
Permit Type: **EQ**
Description: **SUBMITTED ON BEHALF OF CONTRACTOR FOR THE INSTALLATION OF TEMPORARY CONSTRUCTION EQUIPMENT (SHED), IN CONJUNCTION WITH LLW#104645 (EXT. MASONRY). NO CHANGE IN USE, OCCUPANCY OR EGRESS.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 201196721-01-EQ-SH
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: TRIANGLE ENTERPRISE NYC I, PRO GENERAL CONSTRUCTION

Date: **2/9/2017**
Permit Type:
Description:

Permit Description: **ELECTRICAL**
Work Class: MINOR WORK
Proposed Use:
Permit Number: Y181140
Status: ADMINISTRATIVELY CLOSED (MINOR WORK)
Valuation: \$0.00
Contractor Company:
Contractor Name: CHARAN ELEC'L ENTERP'S IN WILLIAM NIEVES, CHARAN ELEC'L ENTERP'S IN KULWANT DEOL, CHARAN ELEC'L ENTE

ADJOINING PROPERTY FINDINGS

Date: **10/21/2016**
Permit Type: **EQ**
Description: **PROPOSED INSTALLATION OF PIPE SCAFFOLD FOR REMEDIAL REPAIRS AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240160678-01-EQ-SF**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **HKS CONSTRUCTION CORP, SHAIRA CONSTRUCTION CORP, BLUESTONE HOME IMPROVEMEN, HKSCONSTRUCTION CORP, EM**

Date: **7/12/2016**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: **Y178437**
Status: **COMPLETED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CHARAN ELEC'L ENTERP'S IN**

ADJOINING PROPERTY FINDINGS

Date: **7/12/2016**
Permit Type: **EQ**
Description: **PROPOSED INSTALLATION OF HEAVY DUTY SIDEWALK SHED FILED FOR REMEDIAL REPAIRS AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION. LIVE LOAD 300 PER SQUARE FEET. SIDEWALK SHED SHALL COMPLY WITH CHAPTER # 33 OF THE 2014 CODE.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 240148292-01-EQ-SH
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: HKS CONSTRUCTION CORP, SHAIRA CONSTRUCTION CORP, BLUESTONE HOME IMPROVEMEN, HKSCONSTRUCTION CORP, EM

Date: **7/6/2016**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: Y178372
Status: AWAITING INSPECTION REQUEST
Valuation: \$0.00
Contractor Company:
Contractor Name: 4000 ELECTRIC CORP

ADJOINING PROPERTY FINDINGS

Date: **6/11/2016**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y178060

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name: STANCO SYSTEM ELEC'L CONT

Date: **11/13/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175551

Status: ADMINISTRATIVELY CLOSED (MINOR WORK)

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **4/16/2014**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y168184

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: GEMINI ELECTRIC CO., INC. STANLEY MURRAY, GEMINI ELECTRIC CO., INC. HAL OZKURT, GEMINI ELECTRIC CO.,

ADJOINING PROPERTY FINDINGS

Date: **9/20/2011**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y157393

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: ARCADIA ELECT'L CO. INC. MARC CUSUMANO, ARCADIA ELECT'L CO. INC.

Date: **8/22/2011**

Permit Type: **EW**

Description: **PROPOSED:MH:RECONFIGURE EXIST. DISTRIBUTION,REMOVE EXIST.AC &PROVIDE NEW ONE,PROVIDE TESTING AND BALANCING OF ALL NEW&EXISTING DIFFUSERS.SP:REMOVE SECTION OF EXIST.BRANCK AND MAIN SP PIPING AND REPLACE WITH NEW ONE.RELOCATE EXITING SP HEADS AND REPLACE WITH NEW ONES TO PROVIDE COMPLETE COVERAGE DUE TO CHANGE IN CEILING CONSTRUCTION.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: SPRINKLER

Permit Number: 220121464-02-EW-SP

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: EARLY PLBG & HTG INC, EARLY PLUMBING & HTG INC, EARLY P & H INC, EARLY P/H INC, EARLY PLG & HTG INC.

ADJOINING PROPERTY FINDINGS

Date: **8/19/2011**
Permit Type: **EW**
Description: **PROPOSED:MH:RECONFIGURE EXIST. DISTRIBUTION,REMOVE EXIST.AC &PROVIDE NEW ONE,PROVIDE TESTING AND BALANCING OF ALL NEW&EXISTING DIFFUSERS.SP:REMOVE SECTION OF EXIST.BRANCK AND MAIN SP PIPING AND REPLACE WITH NEW ONE.RELOCATE EXITING SP HEADS AND REPLACE WITH NEW ONES TO PROVIDE COMPLETE COVERAGE DUE TO CHANGE IN CEILING CONSTRUCTION.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **220121464-02-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **MIDTOWN HVAC ENTERPRISES, ALPINE HVAC SERVICES INC, MIDTOWN AIR CONDITIONING, MIDTOWN AIR CONDITIONI**

Date: **8/19/2011**
Permit Type: **EW**
Description: **PROPOSED:DIVIDING OF EXISTING GYM/ASSEMBLY INTO 2 AREAS - GYM AND GYM/ASSEMBLY -IN ORDER TO ALLOW SIMULTANEOUS USE OF BOTH AREAS BY THE SCHOOLS IN THE BUILDING.NO CHANGE OF OCCUPANCY, USE OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220121464-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BILTMORE GENERAL CONTRACT, BILTMORE GENERAL CONTR IN, BILTMORE GENERAL CONTR.IN, BILTMORE CONTRACTIN**

ADJOINING PROPERTY FINDINGS

Date: **5/13/2010**
Permit Type: **EW**
Description: **REPLACEMENT OF ROOFING MATERIAL. NO CHANGE IN EGRESS, USE OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220062214-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BRIDGE BUILD SUPPLY CO IN, BRIDGE BUILD SUPPLY COIN, BRIDGE BUILDING SUPPLY CO, BRIDGE BUILDING SUPP

Date: **3/12/2010**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y150447
Status: AWAITING INSPECTION REQUEST
Valuation: \$0.00
Contractor Company:
Contractor Name: PULSAR ELECTRIC INC. ALLEN CHAYUT

Date: **3/23/2009**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y145750
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: A TECH ELEC. ENTERPRISES KWOK LI

ADJOINING PROPERTY FINDINGS

Date: **12/1/2006**
Permit Type: **EW**
Description: **HEALTH & OPPORTUNITY HS INTERIOR RENOVATION REMOVE EXIST PARTITION & A D R TO CREATE 1 CLASSRM PATCH & PAINT EXIST FINISHES**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **200889510-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **D & K CONSTRUCTION CO INC, D&K CONSTRUCTION CO INC, D & K CONSTRUCTION, D&K CONSTRUCTION CO. INC, D&**

Date: **12/1/2006**
Permit Type: **EW**
Description: **HS FOR SOCIAL JUSTICE; INTERIOR RENOVATION REMOVE EXISTING PARTITIONS & DOOR TO CREATE ONE REGULAR CLASSRMS & BUILD NEW PARTITION TO CREATE ONE SMALLER CLASSRM. PATCH & PAINT EXISTING FINISHES MODIFY EXISTING DUCTWORK TO ACCOMMODATE NEW LAYOUT & RELOCATE SOME EXISTING DIFFUSERS. CONT. SECT 16**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **200889529-01-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **D & K CONSTRUCTION CO INC, D&K CONSTRUCTION CO INC, D & K CONSTRUCTION, D&K CONSTRUCTION CO. INC, D&**

ADJOINING PROPERTY FINDINGS

Date: **12/1/2006**
Permit Type: **EW**
Description: **HS FOR SOCIAL JUSTICE; INTERIOR RENOVATION REMOVE EXISTING PARTITIONS & DOOR TO CREATE ONE REGULAR CLASSRMS & BUILD NEW PARTITION TO CREATE ONE SMALLER CLASSRM. PATCH & PAINT EXISTING FINISHES MODIFY EXISTING DUCTWORK TO ACCOMMODATE NEW LAYOUT & RELOCATE SOME EXISTING DIFFUSERS. CONT. SECT 16**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **200889529-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **D & K CONSTRUCTION CO INC, D&K CONSTRUCTION CO INC, D & K CONSTRUCTION, D&K CONSTRUCTION CO. INC, D&**

Date: **9/10/1996**
Permit Type: **PL**
Description:

Permit Description: **PLUMBING**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **PLUMBING**
Permit Number: **200353606-01-PL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **PARAMOUNT PLBG CO OF NY I, PARAMOUNT PLBG CO OF NY.I, PARAMOUNT PLBG SERV.& ALT, PARAMOUNT PLUMBING**

ADJOINING PROPERTY FINDINGS

Date: **2/1/1996**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200359343-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BRIDGE BUILD SUPPLY CO IN, BRIDGE BUILD SUPPLY COIN, BRIDGE BUILDING SUPPLY CO, BRIDGE BUILDING SUPP

Date: **1/1/1996**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y076248
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: HENRY KROGER ELEC. CORP H KROGER

Date: **11/20/1995**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 200353606-01-EW-FP
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BOSTON PROPERTIES-LEXINGTON AVE, BP NEW YORK LLC, SAFETY CONSULTANT INC, SAFETY CONSULTANT, INC, SAF

ADJOINING PROPERTY FINDINGS

Date: **11/1/1995**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: STAND PIPE
Permit Number: 200350681-01-EW-SD
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ALLSTATE SPRINKLER CORP., ALLSTATE SPRINKLER CORP, ALLSTATE
SPRINKLERCORP, ALLSTATE SP. CORP., ALLST

Date: **10/30/1995**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y074785
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: CALL ELECTRIC CO. INC DAVID SPINDELL, CALL ELECTRIC CO. INC MORRIS ILAN,
CALL ELECTRIC CO. INC BRYAN

ADJOINING PROPERTY FINDINGS

Date: **10/17/1995**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: SPRINKLER
Permit Number: 200323499-02-EW-SP
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ALLSTATE SPRINKLER CORP., ALLSTATE SPRINKLER CORP, ALLSTATE
SPRINKLERCORP, ALLSTATE SP. CORP., ALLST

Date: **9/8/1995**
Permit Type: **PL**
Description:

Permit Description: **PLUMBING**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: PLUMBING
Permit Number: 200323499-01-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: PARAMOUNT PLBG CO OF NY I, PARAMOUNT PLBG CO OF NY.I, PARAMOUNT
PLBG SERV.& ALT, PARAMOUNT PLUMBING

Date: **7/11/1995**
Permit Type: **EQ**
Description:

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 200323499-01-EQ-FN
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN REDEVELOPMENT ENTERPRIS

ADJOINING PROPERTY FINDINGS

Date: **7/11/1995**
Permit Type: **AL**
Description:

Permit Description: **ALTERATION**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use:
Permit Number: 200323499-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN REDEVELOPMENT ENTERPRIS

Date: **3/17/1995**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200308835-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN REDEVELOPMENT ENTERPRIS

Date: **2/7/1995**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y070358
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: CALL ELECTRIC CO. INC DAVID SPINDELL, CALL ELECTRIC CO. INC MORRIS ILAN,
CALL ELECTRIC CO. INC BRYAN

ADJOINING PROPERTY FINDINGS

Date: **10/22/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X13800

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: DAIDONE ELECTRIC OF NY IN WILLIAM TORTORELLI, DAIDONE ELECTRIC OF NY
IN ROGER VECCHIO, DAIDONE ELECT

Date: **2/1/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X07897

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: ADEQUATE POWER & LIGHTING R BERNEY

Date: **10/1/1984**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X04922

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: ADEQUATE POWER & LIGHTING R BERNEY

ADJOINING PROPERTY FINDINGS

370 GERARD AVE

Date: **1/10/2017**
Permit Type: **AL**
Description: **PROPOSED FIRE PROTECTION PLANS. ALL AS PER PLANS FILED HEREWITH.**

Permit Description: **ALTERATION**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220515734-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: SIGNATURE CONSTRUCTION GR, SIGNATURE CONSTRUCTION G*, SIGNATURE CONSTRUCTION GP, SIGNATURE CONSTRUCT

Date: **5/26/2016**
Permit Type: **PL**
Description: **FILING HERWITH SUBSEQUENT DOCUMENT TO ADD PLUMBING WORKTYPE**

Permit Description: **PLUMBING**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 220322345-02-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: AQUA PLUMBING & HTNG CORP, AQUA PLUMBING & HEATING, AQUA PLUMBING & HEATING CORP, AQUA PLG AND HTG C

ADJOINING PROPERTY FINDINGS

Date: **5/26/2016**
Permit Type: **EW**
Description: **PROPOSED STRUCTURAL WORK, REINFORCE BUILDING FOR SCHOOL USE, LATERAL STABILITY, NEW STAIR. THIS WORK TYPE WAS PREVIOUSLY FILED UNDER APPLICATION #220307709 DOC #2.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220524626-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SIGNATURE CONSTRUCTION GR, SIGNATURE CONSTRUCTION G*, SIGNATURE CONSTRUCTION GP, SIGNATURE CONSTRUCT**

Date: **3/21/2016**
Permit Type: **EQ**
Description: **PROPOSED INSTALLATION OF HEAVY DUTY SIDEWALK SHED AS PER PLANS. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240136072-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **EVEREST SCAFFOLDING INC, UPRIGHT HOISTING INC, EVEREST SCAFFOLDING INV, EVEREST SCAFFOLDING, INC, EV**

ADJOINING PROPERTY FINDINGS

Date: **3/19/2016**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y176935

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: BOROWIDE ELECT'L CONTR'S

Date: **2/19/2016**

Permit Type: **EW**

Description: **SPRINKLER MODIFICATIONS AS PER PLANS FILED. THERE IS NO CHANGE TO OCCUPANCY USE OR EGRESS**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: SPRINKLER

Permit Number: 220322345-01-EW-SP

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: HEADS UP FIRE SPRINKLER, HEADS UP FIRE SPRINKLER INC., HEADS UP FIRE SPRINKLER INC, HEADS UP FIRE SP

ADJOINING PROPERTY FINDINGS

Date: **2/11/2016**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y176513

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: METROPOLIS ELECTRIC CORP SPIRO SINANIS, METROPOLIS ELECTRIC CORP
GEORGE ANASTASAKIS, METROPOLIS ELEC

Date: **2/11/2016**

Permit Type: **PL**

Description: **MECHANICAL AND PLUMBING AS PER PLANS FILED.**

Permit Description: **PLUMBING**

Work Class: A1 - ALTERATION TYPE 1

Proposed Use: PLUMBING

Permit Number: 220307709-02-PL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: AQUA PLUMBING & HTNG CORP, AQUA PLUMBING & HEATING, AQUA PLUMBING &
HEATING CORP, AQUA PLG AND HTG C

ADJOINING PROPERTY FINDINGS

Date: **1/28/2016**
Permit Type: **AL**
Description: **IT IS PROPOSED TO UPDATE THE OCCUPANCY GROUP AND THE ZONING USE GROUP; CONSTRUCT NEW PARTITIONS; HUNG CEILINGS, WALLS AND FINISHES AS PER PLANS FILED. RESPECTFULLY REQUEST APPROVAL TO SUPERSEDE APPLICANT, EXPEDITER AND OWNER OF RECORD.**

Permit Description: **ALTERATION**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use:
Permit Number: 220307709-01-AL
Status: ISSUED, RE-ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: SEAGULL SERVICE CORP

Date: **1/28/2016**
Permit Type: **EQ**
Description: **IT IS PROPOSED TO UPDATE THE OCCUPANCY GROUP AND THE ZONING USE GROUP; CONSTRUCT NEW PARTITIONS; HUNG CEILINGS, WALLS AND FINISHES AS PER PLANS FILED. RESPECTFULLY REQUEST APPROVAL TO SUPERSEDE APPLICANT, EXPEDITER AND OWNER OF RECORD.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 220307709-01-EQ-FN
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: SEAGULL SERVICE CORP

ADJOINING PROPERTY FINDINGS

Date: **12/11/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175888

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **5/20/2015**

Permit Type: **EW**

Description: **REMOVAL OF CEILING SHEATHING; PARTITIONS, STAIRWELL WALL; CONCRETE SLAB ON GRADE AND PLUMBING FIXTURES TO A VACANT BUILDING AS PER PLANS FILED. THERE IS NO CHANGE TO OCCUPANCY USE OR EGRESS**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 220270070-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: SEAGULL SERVICE CORP

ADJOINING PROPERTY FINDINGS

Date: **5/20/2015**
Permit Type: **EW**
Description: **INSTALLATION OF A NEW FIRE RATED PARTITION AT EXISTING STAIRCASE AS PER PLANS. THERE IS NO CHANGE TO OCCUPANCY USE OR EGRESS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220270070-02-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SEAGULL SERVICE CORP**

Date: **8/15/2013**
Permit Type:
Description:

Permit Description: **ELECTRICAL**
Work Class: **REHABILITATION**
Proposed Use:
Permit Number: **Y165362**
Status: **Open**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **METRO ELEC'L CONTRS, INC AARON LEBOVITS, METRO ELEC'L CONTRS, INC
MAYER WEBER, METRO ELEC'L CONTRS,**

ADJOINING PROPERTY FINDINGS

385 GERARD AVE

Date: **1/10/2018**
Permit Type: **AL**
Description: **FILING HEREWITH FIRE PROTECTION PLAN IN CONJUNCTION WITH ALTERATION
I APPLICATION 220237704**

Permit Description: **ALTERATION**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220611602-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: BOHLER ENGINEERING NY PLLC, BOHLER ENGINEERING, BOHER ENGINEERING,
NY PLLC, BOHLER ENGINEERING, NY P

Date: **12/23/2017**
Permit Type:
Description:

Permit Description: **Electrical Permit**
Work Class:
Proposed Use:
Permit Number: X00007669I1EL
Status: Permit Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: EC ELECTRICAL CONTRACTOR

ADJOINING PROPERTY FINDINGS

Date: **12/22/2017**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y185883

Status: (SEE DOB NOW BUILD)

Valuation: \$0.00

Contractor Company:

Contractor Name: E.C. ELECL CONTRACTOR INC EDWARD CUFF

Date: **10/12/2017**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 220291280-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: NORTH SHORE NEON SIGN CO, NORTH SHORE NEON SIGN C, N SHORE NEON SIGN CO. INC, NORTH SHORE NEON SIGN

Date: **3/3/2017**

Permit Type: **EW**

Description: **FILING TO INSTALL SPRINKLERS AND PIPING AS PER PLAN**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: SPRINKLER

Permit Number: 220361025-01-EW-SP

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: CAPITOL FIRE SPKL CO,INC, CAPITOL SPRINKLER SERV CP, CAPITOL FIRE SPRINKLER CO INC, CAPITOL FIRE SPR

ADJOINING PROPERTY FINDINGS

Date: **10/14/2015**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class:

Proposed Use:

Permit Number: Y175150

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **10/17/2014**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y086645

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: LOBELLO ELECT. INSTALL. FRANK TURANO, LOBELLO ELECT. INSTALL. DENIS DOYLE, LOBELLO ELECT. INSTALL.

ADJOINING PROPERTY FINDINGS

Date: **10/16/2014**
Permit Type: **AL**
Description: **CONSTRUCT NEW RENTAL OFFICES ON 1ST AND SECOND FLOOR. CONSTRUCT NEW CARETAKERS APARTMENT ON 2ND FLOOR. ADD NEW ELEVATOR VESTIBULES ON 8TH AND 9TH FLOOR. INST ALL NEW SELF STORAGE UNITS ON FLOORS 1 THRU 7 AND 10 THRU 12. ALTER EXISTING BUILDING FACADE WITH INSULATED PANEL AND GLAZING SYSTEM ON EXTERIOR FACE OF BUILDING.**

Permit Description: **ALTERATION**
Work Class: **A1 - ALTERATION TYPE 1**
Proposed Use:
Permit Number: **220237704-01-AL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **LORICH CONSTRUCTION MANAG, LURICH CONSTRUCTION MANGMENT, LORICH CONSTR MGMT LLC, LORICH CONSTRUCTION**

Date: **8/26/2013**
Permit Type:
Description:

Permit Description: **ELECTRICAL**
Work Class: **REHABILITATION**
Proposed Use:
Permit Number: **Y165535**
Status: **Closed**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN, ESSENTIAL ELECTRIC CORP**

ADJOINING PROPERTY FINDINGS

Date: **7/9/2013**
Permit Type: **EQ**
Description: **INSTALLATION OF 687 LINEAR FEET OF HEAVY DUTY SIDEWALK SHED DURING BUILDING ALTERATION, FILED SEPARATELY. LIVE LOAD 300 PSF. SHED SHALL COMPLY WITH CHAPTER #33 OF THE 2008 CODE. NO CHANGE IN USE, OCCUPANCY OR EGRESS UNDER THIS APPLICATION.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220226057-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ARSENAL SCAFFOLD INC, ARSENAL SCAFFOLD INC., ARSENAL SCAF INC, ARESENAL SCAFFOLD INC, ARSENAL SCAFFO**

Date: **6/18/2013**
Permit Type: **EQ**
Description: **INSTALLATION OF PLYWOOD FENCE, AS PER DRAWINGS. PLYWOOD FENCE SHALL COMPLY WITH CHAPTER #33 OF THE 2008 CODE.NO CHANGE IN USE, OCCUPANCY OR EGRESS UNDER THIS APPLICATION.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220284118-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ARSENAL SCAFFOLD INC, ARSENAL SCAFFOLD INC., ARSENAL SCAF INC, ARESENAL SCAFFOLD INC, ARSENAL SCAFFO**

ADJOINING PROPERTY FINDINGS

Date: **6/14/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: UN-TAGGED SIGN

Proposed Use:

Permit Number: Y164394

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE, BESTCO GENERAL ELEC.
MAIN

Date: **6/14/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: UN-TAGGED SIGN

Proposed Use:

Permit Number: Y164395

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE, BESTCO GENERAL ELEC.
MAIN

ADJOINING PROPERTY FINDINGS

Date: **6/14/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: UN-TAGGED SIGN

Proposed Use:

Permit Number: Y164396

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE, BESTCO GENERAL ELEC.
MAIN

Date: **6/14/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: UN-TAGGED SIGN

Proposed Use:

Permit Number: Y164397

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE, BESTCO GENERAL ELEC.
MAIN

ADJOINING PROPERTY FINDINGS

Date: **6/11/2013**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 220291262-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: NATIONAL MAINTENANCE INC, NATIONAL MAINTENANCE, INC, NATIONAL MAINTENANCE INC., NATIONAL MAINTENANCE

Date: **6/11/2013**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 220291271-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: NATIONAL MAINTENANCE INC, NATIONAL MAINTENANCE, INC, NATIONAL MAINTENANCE INC., NATIONAL MAINTENANCE

ADJOINING PROPERTY FINDINGS

Date: **6/11/2013**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 220291299-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: NATIONAL MAINTENANCE INC, NATIONAL MAINTENANCE, INC, NATIONAL MAINTENANCE INC., NATIONAL MAINTENANCE

Date: **6/1/2013**
Permit Type:
Description:

Permit Description: **ELECTRICAL**
Work Class: REHABILITATION
Proposed Use:
Permit Number: Y164411
Status: Closed
Valuation: \$0.00
Contractor Company:
Contractor Name: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN, ESSENTIAL ELECTRIC CORP

ADJOINING PROPERTY FINDINGS

Date: **3/8/2013**
Permit Type: **PL**
Description: **CONSTRUCT NEW RENTAL OFFICES ON 1ST AND SECOND FLOOR. CONSTRUCT NEW CARETAKERS APARTMENT ON 2ND FLOOR. ADD NEW ELEVATOR VESTIBULES ON 8TH AND 9TH FLOOR. INST ALL NEW SELF STORAGE UNITS ON FLOORS 1 THRU 7 AND 10 THRU 12. ALTER EXISTING BUILDING FACADE WITH INSULATED PANEL AND GLAZING SYSTEM ON EXTERIOR FACE OF BUILDING.**

Permit Description: **PLUMBING**
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: PLUMBING
Permit Number: 220237704-01-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ABR PLBG&HTG CONTR INC, ABR PLBG & HTG CONTR. INC, ABR PLUMBING & HEATING CO, ABR PLBG & HTG CONTR I

Date: **3/4/2013**
Permit Type:
Description:

Permit Description: **ELECTRICAL**
Work Class: REHABILITATION
Proposed Use:
Permit Number: Y163230
Status: Closed
Valuation: \$0.00
Contractor Company:
Contractor Name: NASH ELECTRIC SERVICES IN PAUL OLSEN, NASH ELECTRIC SERVICES IN

ADJOINING PROPERTY FINDINGS

Date: **2/19/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y163023

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN, ESSENTIAL ELECTRIC CORP

Date: **2/19/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y163024

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN, ESSENTIAL ELECTRIC CORP

Date: **1/17/2013**

Permit Type: **EW**

Description: **PROPOSED INTERIOR MECHANICAL DEMOLITION ON FLOORS 001 - 007 & 010 - 012. PROPOSED HAND DEMOLITION ON ROOF. PROPOSED TENANT PROTECTION PLANS ON FLOORS 008 & 009.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 220245250-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: N. SAMPOGNA & SON CORP

ADJOINING PROPERTY FINDINGS

Date: **11/9/2011**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y158051

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: COAST 2 COAST ELECTRIC JOSEPH LENOX, JR, COAST 2 COAST ELECTRIC

Date: **6/10/2010**

Permit Type: **PL**

Description: **MODIFICATION TO EXISTING HVAC SYSTEM AND INSTALLATION OF PLUMBING FIXTURES AS PER PLANS FILED HEREWITH. NO CHANGE IN USE, EGRESS OR OCCUPANCY UNDER THIS APPLICATION.**

Permit Description: **PLUMBING**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: PLUMBING

Permit Number: 220060644-02-PL

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: L&K PARTNERS, INC, LEND LEASE (US) CONSTRUCT, J.J.M. SERVICES, INC, A+ INSTALLATIONS CORP, BOVIS LEN

ADJOINING PROPERTY FINDINGS

Date: **6/9/2010**
Permit Type: **EW**
Description: **FILING HEREWITH FOR BUILDING OUT A BREAK ROOM AND IT ROOM AS PER PLANS. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **220060644-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **JRM CONSTRUCTION MGMT LLC, TRANSPARENT CONSTRUCTION, JRM CONSTRUCTION MGMT LLC, JRM CONSTRUCTION MG**

Date: **5/3/2010**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: **Y151133**
Status: **COMPLETED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **COAST 2 COAST ELECTRIC JOSEPH LENOX, JR, COAST 2 COAST ELECTRIC**

ADJOINING PROPERTY FINDINGS

Date: **3/17/2010**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y150510

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: GALLANT ELEC'L CONST, INC DAMIAN VOUITISIS, GALLANT ELEC'L CONST, INC
SALVATORE FERRARA, GALLANT ELEC

Date: **12/16/2008**

Permit Type: **EW**

Description: **REMOVING EXISTING TELECOMMUNICATION EQUIPMENT ON THE ROOF AND
THE FIFTH FLOOR. ALL WORK IS IN CONFORMANCE WITH TPPN #5/98. NO
CHANGE IN USE, EGRESS, OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 210082177-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: TELCOM ENGINEERING GP INC, TELCOM ENGINEERING GP IN*, TELCOM
ENGINEERING GROUP

ADJOINING PROPERTY FINDINGS

Date: **2/1/2008**
Permit Type: **EW**
Description: **INSTALL PAINT SPRAY BOOTH AND CONSTRUCTPAINT STORAGE ROOM ON 8TH FLOOR. NO CHANGE TO ZONING,EGRESS OR OCCUPANCY**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **MECHANICAL/HVAC**
Permit Number: **201116620-01-EW-MH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NGUYEN CUSTOM WOODWORKING**

Date: **2/1/2008**
Permit Type: **EW**
Description: **INSTALL PAINT SPRAY BOOTH AND CONSTRUCTPAINT STORAGE ROOM ON 8TH FLOOR. NO CHANGE TO ZONING,EGRESS OR OCCUPANCY**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **201116620-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NGUYEN CUSTOM WOODWORKING**

ADJOINING PROPERTY FINDINGS

Date: **11/19/2007**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y138868

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name: GALLAGHER ELEC'L CONTRS JEFFREY LIU, GALLAGHER ELEC'L CONTRS
PATRICK GALLAGHER, GALLAGHER ELEC'L CON

Date: **7/13/2006**

Permit Type: **EW**

Description: **Concrete Facade Repair... No change to use, egress or occupancy.**

Permit Description: **EQUIPMENT WORK**

Work Class: A2 - ALTERATION TYPE 2

Proposed Use: OTHER CONSTRUCTION EQUIPMENT

Permit Number: 201058292-01-EW-OT

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: AM&G WATERPROOFING LLC, ERMA REALTY LLC, AM & G WATERPROOFING, AM &
G WATERPROOFING LLC, AM GWATERP

ADJOINING PROPERTY FINDINGS

Date: **3/13/2006**
Permit Type: **EQ**
Description: **INSTALL HEAVY DUTY SIDEWALK SHED 800'. NO CHANGE TO USE EGRESS OR OCCUP ANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **200705825-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **OUTDOOR INSTALLATIONS LLC, OUTDOOR INSTALLATION LLC, OUTDOOR INSTALL, OUTDOOR INSTALLATIONS LLC., O**

Date: **7/9/2001**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: **Y105163**
Status: **COMPLETED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NJS ELEC'L SERVICES CORP. NICHOLAS STEFANOU, NJS ELEC'L SERVICES CORP.**

ADJOINING PROPERTY FINDINGS

Date: **2/9/1998**
Permit Type: **PL**
Description:

Permit Description: **PLUMBING**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 200486688-01-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: PELHAM PLUMBING & HTG COR, PELHAM PLUMBING & HEATING, PELHAM PLG & HTG CORP, PELHAM PLG AND HTG CORP

Date: **2/3/1998**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200486688-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: S & S INDUSTRIES

Date: **1/12/1998**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y086753
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: ROBIN ELECTRICAL CO., INC LAURENCE ROBIN, ROBIN ELECTRICAL CO., INC ARTHUR ROBIN, ROBIN ELECTRICAL C

ADJOINING PROPERTY FINDINGS

Date: **4/6/1992**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: BOILER
Permit Number: 200152324-01-EW-BL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: POSITIVE PL & HTG CORP, POSTIVE PLBG & HTG CORP, DUAL FUEL PLUMB
HEAT., DUAL FUEL PLBG AND HTG, POS

Date: **4/6/1992**
Permit Type: **PL**
Description:

Permit Description: **PLUMBING**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 200152324-01-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: POSITIVE PL & HTG CORP, POSTIVE PLBG & HTG CORP, DUAL FUEL PLUMB
HEAT., DUAL FUEL PLBG AND HTG, POS

Date: **8/19/1991**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y046467
Status: COMPLETED
Valuation: \$0.00
Contractor Company:
Contractor Name: A & N ELECTRIC CONT'G INC A LACAYO

ADJOINING PROPERTY FINDINGS

Date: **2/1/1991**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y042622

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: HARLEY ELECTRIC CO., INC. IRA KATZ, HARLEY ELECTRIC CO., INC. HARRY KATZ,
HARLEY ELECTRIC CO., INC.

Date: **4/5/1986**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X15699

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

Date: **3/21/1986**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X15589

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

ADJOINING PROPERTY FINDINGS

Date: **11/21/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X13531

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: BERNIE MCCANN ELEC CONT C BERNARD MCCANN

Date: **10/21/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X13157

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: MASTER ELECTRIC CO. A MANDRACHIO

Date: **9/11/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X12094

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

ADJOINING PROPERTY FINDINGS

Date: **5/15/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: 033256

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: LOWY & DONNATH INC. ANTHONY SCALA, JR., LOWY & DONNATH INC.
CHRISTOPHER SCALA, LOWY & DONNATH INC. S

Date: **5/1/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X09359

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: A.S.M. ELEC. & MACH. CORP A ROTHBORT, A.S.M. ELEC. & MACH. CORP NEIL
KORMAN, A.S.M. ELEC. & MACH. CO

Date: **1/30/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X07511

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

ADJOINING PROPERTY FINDINGS

Date: **1/17/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X07279

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: EXCELLO ELEC. CONST. & MA ERWIN GREENBERG, EXCELLO ELEC. CONST. & MA

444 GERARD AVE

Date: **3/8/1989**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y027808

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: P.E.S. ELEC. SVC., INC. WILLIAM CANALE

ADJOINING PROPERTY FINDINGS

Date: **1/17/1985**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X07279

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: EXCELLO ELEC. CONST. & MA ERWIN GREENBERG, EXCELLO ELEC. CONST. & MA

444 GERARD AVE

Date: **3/8/1989**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y027808

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: P.E.S. ELEC. SVC., INC. WILLIAM CANALE

ADJOINING PROPERTY FINDINGS

475 GERARD AVE

Date: **9/26/2008**
Permit Type: **DM**
Description: **HEREWITH FILING A DEMO OF TWO (2) EXISTING STRUCTURES.**

Permit Description: **DEMOLITION & REMOVAL**
Work Class: **DM - FULL DEMOLITION**
Proposed Use:
Permit Number: **210060565-01-DM**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BENCHMARK DESIGN BUILDERS, BENCHMARK DESIGN BUILDERS INC, BLUE NAIL DESIGN BUILD II, BLUENAIL DESIGN**

Date: **9/19/2008**
Permit Type: **EQ**
Description: **HEREWITH FILING A DEMO OF TWO (2) EXISTING STRUCTURES.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **DM - FULL DEMOLITION**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **210060565-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BENCHMARK DESIGN BUILDERS, BENCHMARK DESIGN BUILDERS INC, BLUE NAIL DESIGN BUILD II, BLUENAIL DESIGN**

ADJOINING PROPERTY FINDINGS

Date: **3/31/2000**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y098458

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: CITY ELEC'L SIGN ERECTORS FRANK SICA, CITY ELEC'L SIGN ERECTORS
LAWRENCE BROWN, CITY ELEC'L SIGN ERE

Date: **11/22/1999**

Permit Type: **SG**

Description:

Permit Description: **SIGN**

Work Class: SG - SIGN

Proposed Use:

Permit Number: 200585205-01-SG

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: NORTH SHORE NEON SIGN C, NORTH SHORE NEON SIGN CO, RICHTER &
RATNER CONTRACT, TRAPEZE SCHOOL NEW YOR

ADJOINING PROPERTY FINDINGS

Date: **11/3/1999**
Permit Type: **SG**
Description:

Permit Description: **SIGN**
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200585214-01-SG
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: NORTH SHORE NEON SIGN C, NORTH SHORE NEON SIGN CO, RICHTER & RATNER CONTRACT, TRAPEZE SCHOOL NEW YOR

Date: **11/3/1999**
Permit Type: **AL**
Description:

Permit Description: **ALTERATION**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200585189-01-AL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: NORTH SHORE NEON SIGN C, NORTH SHORE NEON SIGN CO, RICHTER & RATNER CONTRACT, TRAPEZE SCHOOL NEW YOR

Date: **1/8/1999**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200561533-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ARO CONST. CORP

ADJOINING PROPERTY FINDINGS

478 GERARD AVE

Date: **11/27/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X0010289511EL

Status: Permit Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: ZENA ELECTRIC INC

Date: **5/16/2013**

Permit Type:

Description:

Permit Description: **ELECTRICAL**

Work Class: REHABILITATION

Proposed Use:

Permit Number: Y164168

Status: Closed

Valuation: \$0.00

Contractor Company:

Contractor Name: ELECTROTEC OF NY ELECL IN ROOPCHAND SINGH, ELECTROTEC OF NY ELECL
IN WILLIAM GOLDENBAUM, ELECTROTEC

ADJOINING PROPERTY FINDINGS

Date: **3/20/2009**
Permit Type: **EQ**
Description: **REPAIR OF TWO EXISTING FRONT ENTRANCES AND ROLL UP GATES; REPLACE EXISTING BLEACHERS; & FACADE REPAIR. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **210062073-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NCP RESTORATIONS LTD, NCP RESTORATION LTD**

Date: **3/20/2009**
Permit Type: **EW**
Description: **REPAIR OF TWO EXISTING FRONT ENTRANCES AND ROLL UP GATES; REPLACE EXISTING BLEACHERS; & FACADE REPAIR. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **210062073-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NCP RESTORATIONS LTD, NCP RESTORATION LTD**

ADJOINING PROPERTY FINDINGS

Date: **11/15/1994**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y069011

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: T. H. HAMMERL, INC. JOSEF HAMMERL

Date: **4/30/1993**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y059095

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: T. H. HAMMERL, INC. JOSEF HAMMERL

Date: **3/19/1993**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y058144

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: HENRY J. MELICHAR HENRY MELICHAR, HENRY J. MELICHAR

ADJOINING PROPERTY FINDINGS

Date: **4/13/1992**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y051106

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: T. H. HAMMERL, INC. JOSEF HAMMERL

Date: **1/13/1986**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: X14494

Status: LOCATION PROBLEM

Valuation: \$0.00

Contractor Company:

Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

ADJOINING PROPERTY FINDINGS

500 GERARD AVE

Date: **4/28/2017**
Permit Type: **EW**
Description: **MODIFICATION AND UPGRADE OF EXISTING SPRINKLER/STANDPIPE SYSTEM,
REPLACE PIPING, VALVES AND SPRINKLER HEADS AS PER PLAN**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **STAND PIPE**
Permit Number: **240180816-01-EW-SD**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SAFETY FIRE SPRINKLER COR, SAFETY FIRE SPRINKLER CO., SAFTEY FIRE
SPRINKLER, SAFTEY FIRE SP CO, SAFT**

Date: **4/28/2017**
Permit Type: **EW**
Description: **MODIFICATION AND UPGRADE OF EXISTING SPRINKLER/STANDPIPE SYSTEM,
REPLACE PIPING, VALVES AND SPRINKLER HEADS AS PER PLAN**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **SPRINKLER**
Permit Number: **240180816-01-EW-SP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SAFETY FIRE SPRINKLER COR, SAFETY FIRE SPRINKLER CO., SAFTEY FIRE
SPRINKLER, SAFTEY FIRE SP CO, SAFT**

ADJOINING PROPERTY FINDINGS

Date: **4/6/2017**
Permit Type: **EW**
Description: **INSTALL GAS-FIRED SPACE HEATERS & NEW GAS PIPING TO GAS METER PER PLANS.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **240175323-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ARISTON CHIMNEY LLC**

Date: **4/6/2017**
Permit Type: **PL**
Description: **INSTALL GAS-FIRED SPACE HEATERS & NEW GAS PIPING TO GAS METER PER PLANS.**

Permit Description: **PLUMBING**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **PLUMBING**
Permit Number: **240175323-01-PL**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **BAUER MECHANICAL LLC, MIDWOOD-RAFTERY PLBG &HTG, MIDWOOD RAFTERY PLBG &HTG, MIDWOOD RATERY PLG & HTG**

ADJOINING PROPERTY FINDINGS

Date: **9/13/2006**
Permit Type: **EQ**
Description: **REBUILD EXTERIOR MASONRY WALLS ON EXISTING COMMERCIAL BUILDING AS PERPLAN SUBMITTED. NO CHANGE OF USE OR EGRESS OR OCCUPANCY UNDER THIS APPLICATION.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **201076897-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ALONSO CONSULTING SERVICE, ALSONO CONSULTING SER.**

Date: **9/13/2006**
Permit Type: **EW**
Description: **REBUILD EXTERIOR MASONRY WALLS ON EXISTING COMMERCIAL BUILDING AS PERPLAN SUBMITTED. NO CHANGE OF USE OR EGRESS OR OCCUPANCY UNDER THIS APPLICATION.**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **201076897-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **ALONSO CONSULTING SERVICE, ALSONO CONSULTING SER.**

ADJOINING PROPERTY FINDINGS

Date: **7/22/1991**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y045754

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: LOBELLO ELECT. INSTALL. FRANK TURANO, LOBELLO ELECT. INSTALL. DENIS DOYLE, LOBELLO ELECT. INSTALL.

Date: **11/23/1987**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y016493

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

ADJOINING PROPERTY FINDINGS

Date: **10/10/1987**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y015026

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

GRAND CONCOURSE

393 GRAND CONCOURSE

Date: **10/26/2009**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y148826

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI, C-TEC ELECTRIC CORP.

ADJOINING PROPERTY FINDINGS

Date: **2/24/2009**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y145573

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI, C-TEC ELECTRIC CORP.

Date: **5/29/2008**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y141984

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI, C-TEC ELECTRIC CORP.

Date: **4/17/2008**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y141434

Status: ADMINISTRATIVELY CLOSED (MINOR WORK)

Valuation: \$0.00

Contractor Company:

Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI, C-TEC ELECTRIC CORP.

ADJOINING PROPERTY FINDINGS

Date: **11/14/2007**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y139212

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: BOROWIDE ELECT'L CONTR'S GREGORY PAPANTONIOU, BOROWIDE ELECT'L CONTR'S

425 GRAND CONCOURSE

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X03993

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: APPLIED ELECGRIC CORP, APPLIED ELECTRIC CORP, APPLIED ELEC CORP, APPLIED ELECTRIC CORP., APPLIED ELE

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X05915

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: HELLER ELECTRIC CO., INC.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X06392

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: TOCS ELEC'L CONTR'G CORP.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X09212

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: APEX ELECT'L CONTR. INC., BAND ELECTRIC CONTR. CORP

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X09214

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: APEX ELECT'L CONTR. INC., BAND ELECTRIC CONTR. CORP

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X12785

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: TOCS ELEC'L CONTR'G CORP.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: X14945

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: CHRIST GATZONIS ELEC. CON

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y005545

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: H & C WESSLER CORP

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y017624

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: H & C WESSLER CORP

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y018403

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: IMIE INDUSTRIES, IMIE INDUSTRIES INC, IMIE INDUSTRIES INC

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y039024

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: GEORGE F. KOLSCH, INC.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y047829

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: MILAD CONTRACTING CORP.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y057660

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: DOUGLAS PASKOR INC.

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y064771

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E. FITZGERALD ELECTRIC CO, E. FITZGERALD ELEC CO INC

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y092344

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E. FITZGERALD ELECTRIC CO, E. FITZGERALD ELEC CO INC

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y100969

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E. FITZGERALD ELECTRIC CO, E. FITZGERALD ELEC CO INC

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y103074

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E. FITZGERALD ELECTRIC CO, E. FITZGERALD ELEC CO INC

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y114842

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: G.S.H. ELECTRIC INC.

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y135960

Status: COMPLETED

Valuation: \$0.00

Contractor Company:

Contractor Name: E. FITZGERALD ELECTRIC CO, E. FITZGERALD ELEC CO INC

ADJOINING PROPERTY FINDINGS

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y142329

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: BOROWIDE ELECT'L CONTR'S

Date: **3/20/2018**

Permit Type:

Description:

Permit Description: **Electrical Permit**

Work Class:

Proposed Use:

Permit Number: Y144252

Status: CLOSED/CANCELLED

Valuation: \$0.00

Contractor Company:

Contractor Name: STANCO SYSTEM ELEC'L CONT

ADJOINING PROPERTY FINDINGS

Date: **2/11/2016**
Permit Type: **EW**
Description: **REMOVE SPRINKLER SYSTEM AND STAND PIPE SYSTEM AS PER FDNY VARIANCE. NO CHANGE TO EGRESS OCCUPANCY OR USE INVOLVED IN THIS APPLICATION**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **STAND PIPE**
Permit Number: **220425449-01-EW-SD**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CURRENT FIRE PROTECTION I, CURRENT FIRE PROTECTION INC., CURRENT FIRE PROTECTION INC, CURRENT PROTEC**

Date: **2/11/2016**
Permit Type: **EW**
Description: **REMOVE SPRINKLER SYSTEM AND STAND PIPE SYSTEM AS PER FDNY VARIANCE. NO CHANGE TO EGRESS OCCUPANCY OR USE INVOLVED IN THIS APPLICATION**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **SPRINKLER**
Permit Number: **220425449-01-EW-SP**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CURRENT FIRE PROTECTION I, CURRENT FIRE PROTECTION INC., CURRENT FIRE PROTECTION INC, CURRENT PROTEC**

ADJOINING PROPERTY FINDINGS

Date: **12/9/2015**
Permit Type: **EQ**
Description: **METAL CHAIN LINK FENCE AS SHOWN ON PLANS. NO CHANGES TO USE, EGRESS OR OCCUPANCY. HPD MEMO # EDG00313.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **240125468-01-EQ-FN**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **AAKASH CONSTRUCTION INC, AAKASH CONST INC, AAKASH CONSTRUCTION INC., AAKASH CONST, ASKASH CONSTRUCTI**

Date: **9/23/2015**
Permit Type: **EQ**
Description: **INSTALLATION OF HEAVY DUTY SIDEWALK SHED AS PER PLANS. NO CHANGE IN USE, EGRESS, OR OCCUPANCY. WORK SHALL COMPLY WITH 2008 BUILDING CODE CHAPTER 33**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **220163524-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **TWIN & SWING SCAFFOLDING, TWIN & SWING SCAFFOLD. IN, TWIN & SWING SCAFFOLDING INC., TWIN & SWING SCA**

ADJOINING PROPERTY FINDINGS

Date: **6/29/2015**
Permit Type: **DM**
Description: **DEMOLITION OF STRUCTURE**

Permit Description: **DEMOLITION & REMOVAL**
Work Class: DM - FULL DEMOLITION
Proposed Use:
Permit Number: 220396006-01-DM
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: A.RUSSO WRECKING INC, A RUSSO WRECKING INC

Date: **2/6/2015**
Permit Type: **EQ**
Description: **DEMOLITION OF STRUCTURE**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: DM - FULL DEMOLITION
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 220396006-01-EQ-FN
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: A.RUSSO WRECKING INC, A RUSSO WRECKING INC

ADJOINING PROPERTY FINDINGS

Date: **3/21/2011**
Permit Type: **EQ**
Description: **INSTALL SIDEWALK BRIDGE 65 FT LONG AT GRAND CONCOURSE. DURING REMEDIAL REPAIRS. WORK SHALL COMPLY WITH LL33/91. NO CHANGE IN USE EGRESS OR OCCUPANCY FILED ON THIS JOB.**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 210033042-01-EQ-SH
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ROCKLEDGE SCAFFOLD CORP, ROCKLEDGE SCAFFOLD CORP., ROCKLEDGE SCAFFOLD, ROCKLEDGE SCAF CORP, ROCKLEDG

Date: **1/26/2011**
Permit Type: **EQ**
Description:

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 200487008-01-EQ-SH
Status: ISSUED, RE-ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: YORK SCAFFOLD EQUIPMENT C, YORK SCAFFOLDING, YORK SCAFFOLDING EQUIPMENT CORP, YORK SCAFFOLD EQUIPME

ADJOINING PROPERTY FINDINGS

Date: **4/22/2008**
Permit Type: **EQ**
Description: **PS31SCAFFOLD IN CONJUNCTION W/200403410 MASONRY JOB**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 200476341-01-EQ-SF
Status: ISSUED, RE-ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: YORK SCAFFOLDING, YORK SCAFFOLDING EQUIPMENT, YORK SCAFFOLDING
EQPT, YORK SCAFFOLD EQUIPMENT CORP.,

Date: **4/10/2008**
Permit Type: **EQ**
Description: **PS31SCAFFOLD IN CONJUNCTION W/200487008 EXTERIOR MODERNIZATION**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: CONSTRUCTION EQUIPMENT
Permit Number: 200552516-01-EQ-SF
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: ROCKLEDGE SCAFFOLD CORP, ROCKLEDGE SCAFFOLD CORP., ROCKLEDGE
SCAFFOLD, ROCKLEDGE SCAF CORP, ROCKLEDG

ADJOINING PROPERTY FINDINGS

Date: **7/27/2006**
Permit Type: **EW**
Description: **PS31 REMOVE DETERIORATED RETAINING PARAPET WALL, REMOVE & STORE COPING S TONES OF THE PARAPET IN REAR YARD, EXIST RUBBLE, RUBBLE RETAINING WALL TO REMAIN , PATCH EDGE OF BEAM W/REPAIR MORTAR, INSTALL WOOD BLOCKING & CONTINUOUS EDPM TO WATERPROOF & SEAL SEAMS W/MANUFACTURERS ADHESIVE PLUS CHAIN LINK FENCE W/POST**

Permit Description: **EQUIPMENT WORK**
Work Class: **A2 - ALTERATION TYPE 2**
Proposed Use: **OTHER CONSTRUCTION EQUIPMENT**
Permit Number: **200884212-01-EW-OT**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **NEW STYLE RESTORATION, LLC, NEW STYLE RESTORATION, NEW STYLE RESTORATION LLC**

Date: **7/26/2006**
Permit Type: **EQ**
Description: **PS31 SIDEWALKSHED @ 200884212 SCHOOL JOB**

Permit Description: **CONSTRUCTION EQUIPMENT**
Work Class: **A3 - ALTERATION TYPE 3**
Proposed Use: **CONSTRUCTION EQUIPMENT**
Permit Number: **200884365-01-EQ-SH**
Status: **ISSUED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CITY BRIDGING ASSOCIATES*, HI TECH BRIDGING INC, HIGH TECH BRIDGING INC., HI TECH BRIDGING, HI TECH**

ADJOINING PROPERTY FINDINGS

Date: **3/31/2003**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use:

Permit Number: Y114463

Status: AWAITING INSPECTION REQUEST

Valuation: \$0.00

Contractor Company:

Contractor Name: PEGASUS ELECTRICAL CORP. DIMITRIOS KARAGIANNIS, PEGASUS ELECTRICAL CORP. MATINA KARAGIANNIS, PEGASUS

Date: **2/16/1999**

Permit Type: **EQ**

Description:

Permit Description: **CONSTRUCTION EQUIPMENT**

Work Class: A3 - ALTERATION TYPE 3

Proposed Use: CONSTRUCTION EQUIPMENT

Permit Number: 200487017-01-EQ-SF

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: YORK SCAFFOLD EQUIPMENT C, YORK SCAFFOLDING, YORK SCAFFOLDING EQUIPMENT CORP, YORK SCAFFOLD EQUIPME

ADJOINING PROPERTY FINDINGS

Date: **7/29/1997**
Permit Type: **EW**
Description:

Permit Description: **EQUIPMENT WORK**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200391487-01-EW-OT
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: WHITESTONE CONSTR CORP, WHITESTONE CONSTRUCTION CORP,
WHITESTONE CONSTRUCTION CORP., WHITESTONE CONS

Date: **7/29/1997**
Permit Type: **PL**
Description:

Permit Description: **PLUMBING**
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 200391487-02-PL
Status: ISSUED
Valuation: \$0.00
Contractor Company:
Contractor Name: GEORGE ROBINSON, GOEORGE ROBINSON, GEORGE ROBINSON
PLUMBING&HEATING, ROBINSON PLUMBING & HEATING INC

Date: **7/7/1997**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use:
Permit Number: Y084129
Status: LOCATION PROBLEM
Valuation: \$0.00
Contractor Company:
Contractor Name: ISTR ELECTRIC CORP. STEVEN DUFFY

ADJOINING PROPERTY FINDINGS

Date: **6/2/1997**

Permit Type: **EQ**

Description:

Permit Description: **CONSTRUCTION EQUIPMENT**

Work Class: A3 - ALTERATION TYPE 3

Proposed Use: CONSTRUCTION EQUIPMENT

Permit Number: 200424102-01-EQ-SF

Status: ISSUED

Valuation: \$0.00

Contractor Company:

Contractor Name: RICHARD C. MUGLER CO. INC, RICHARD C. MUGLER, INC, RICHARD C MUGLER
CO INC, RICHARD C.MUGLER CO.,INC

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.



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

**NYC Department of Buildings
Property Profile Overview**

101 EAST 144 STREET

EXTERIOR STREET 404 - 404
EAST 144 STREET 101 - 109
RIVER AVENUE 400 - 404

BRONX 10451

Health Area : 3800
Census Tract : 63
Community Board : 201
Buildings on Lot : 1

BIN# 2001093

Tax Block : 2351
Tax Lot : 1
Condo : NO
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): MAJOR DEEGAN EXPWY ET 4 NB, GERARD AVENUE

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

Environmental Restrictions: HAZMAT/NOISE/AIR

Grandfathered Sign: NO

Legal Adult Use: NO

City Owned: NO

Additional BINs for Building: NONE

Special District: MX-13 - MIXED USE-13 (LOWER CONCOURSE, BX)

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, Coastal Erosion Hazard Area, or Special Flood Hazard Area. [Click here for more information](#)

Department of Finance Building Classification: E9-WAREHOUSE

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
Complaints	0	0
Violations-DOB	6	5
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	3	

- [Elevator Records](#)
- [Electrical Applications](#)
- [Permits In-Process / Issued](#)
- [Illuminated Signs Annual Permits](#)
- [Plumbing Inspections](#)
- [Open Plumbing Jobs / Work Types](#)
- [Facades](#)
- [Marquee Annual Permits](#)
- [Boiler Records](#)
- [DEP Boiler Information](#)
- [Crane Information](#)
- [After Hours Variance Permits](#)

OR Enter Action Type:

OR Select from List:

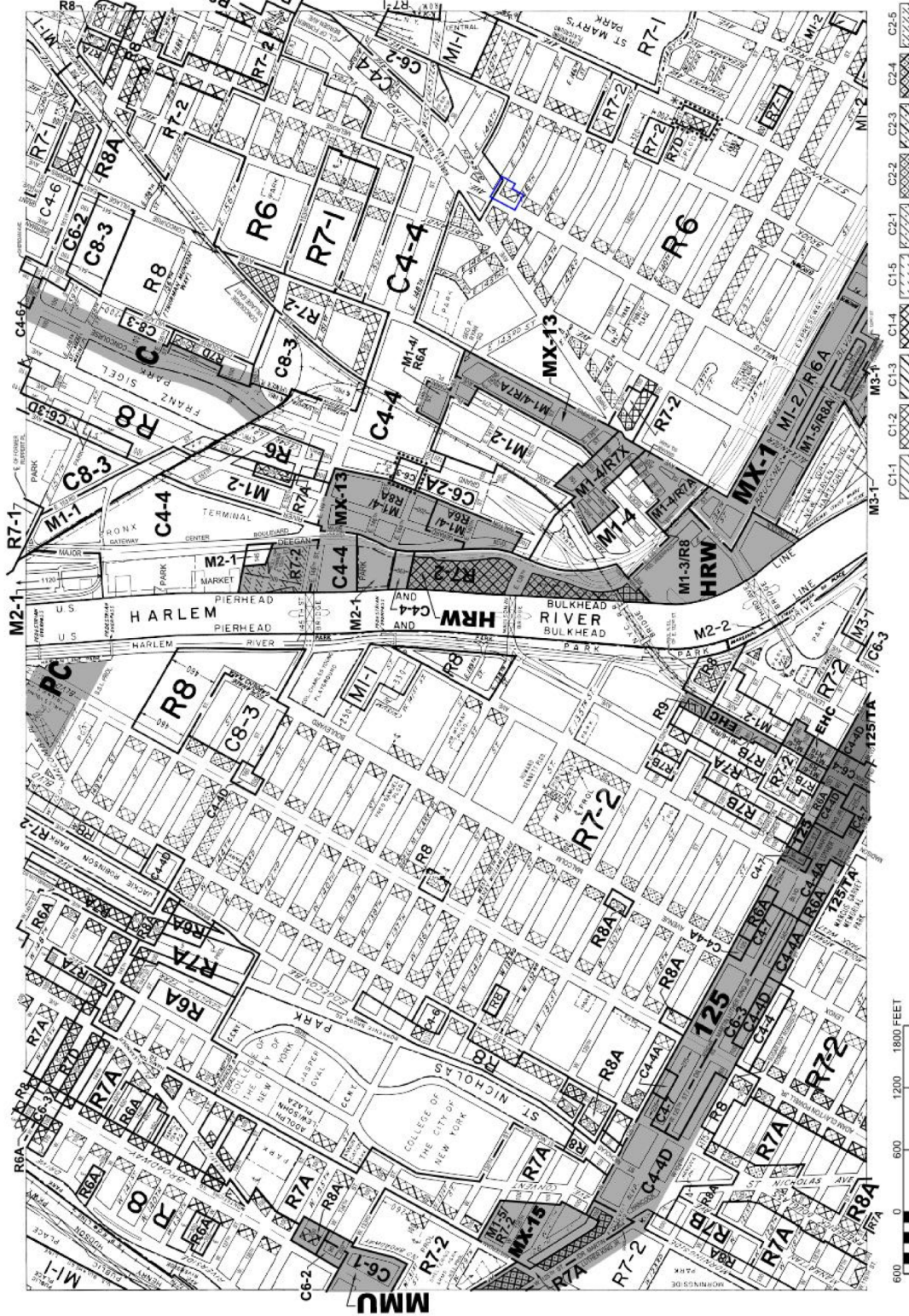
AND

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.

APPENDIX F

New York City Planning Commission Zoning Map

Click blue outline on map to view diagram of proposed zoning change



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:
The number(s) and/or letter(s) that follows on R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

- R – RESIDENTIAL DISTRICT
- C – COMMERCIAL DISTRICT
- M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area indicates the district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

- *04-25-2018 C 180131 ZMX
- 02-14-2018 C 180031 ZMX

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

ZONING MAP 6a

MAP KEY

3b	3d
5c	6a
5d	6b
	6d

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NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.dcp.nyc.gov/zoning. For more information, planning or contact the Zoning Information Desk at (212) 720-3281.

MAP KEY (continued)
C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5
C3-1 C3-2 C3-3 C3-4 C3-5 C4-1 C4-2 C4-3 C4-4 C4-5
C5-1 C5-2 C5-3 C5-4 C5-5 C6-1 C6-2 C6-3 C6-4 C6-5
C7-1 C7-2 C7-3 C7-4 C7-5 C8-1 C8-2 C8-3 C8-4 C8-5
C9-1 C9-2 C9-3 C9-4 C9-5 C10-1 C10-2 C10-3 C10-4 C10-5
C11-1 C11-2 C11-3 C11-4 C11-5 C12-1 C12-2 C12-3 C12-4 C12-5
C13-1 C13-2 C13-3 C13-4 C13-5 C14-1 C14-2 C14-3 C14-4 C14-5
C15-1 C15-2 C15-3 C15-4 C15-5 C16-1 C16-2 C16-3 C16-4 C16-5
C17-1 C17-2 C17-3 C17-4 C17-5 C18-1 C18-2 C18-3 C18-4 C18-5
C19-1 C19-2 C19-3 C19-4 C19-5 C20-1 C20-2 C20-3 C20-4 C20-5
C21-1 C21-2 C21-3 C21-4 C21-5 C22-1 C22-2 C22-3 C22-4 C22-5
C23-1 C23-2 C23-3 C23-4 C23-5 C24-1 C24-2 C24-3 C24-4 C24-5
C25-1 C25-2 C25-3 C25-4 C25-5 C26-1 C26-2 C26-3 C26-4 C26-5
C27-1 C27-2 C27-3 C27-4 C27-5 C28-1 C28-2 C28-3 C28-4 C28-5
C29-1 C29-2 C29-3 C29-4 C29-5 C30-1 C30-2 C30-3 C30-4 C30-5
C31-1 C31-2 C31-3 C31-4 C31-5 C32-1 C32-2 C32-3 C32-4 C32-5
C33-1 C33-2 C33-3 C33-4 C33-5 C34-1 C34-2 C34-3 C34-4 C34-5
C35-1 C35-2 C35-3 C35-4 C35-5 C36-1 C36-2 C36-3 C36-4 C36-5
C37-1 C37-2 C37-3 C37-4 C37-5 C38-1 C38-2 C38-3 C38-4 C38-5
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C97-1 C97-2 C97-3 C97-4 C97-5 C98-1 C98-2 C98-3 C98-4 C98-5
C99-1 C99-2 C99-3 C99-4 C99-5 C100-1 C100-2 C100-3 C100-4 C100-5

APPENDIX G

Aerial Photographs



404 Exterior Street

404 Exterior Street

Bronx, NY 10451

Inquiry Number: 5589479.11

March 14, 2019

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

03/14/19

Site Name:

404 Exterior Street
404 Exterior Street
Bronx, NY 10451
EDR Inquiry # 5589479.11

Client Name:

Langan Engineering, Inc.
360 W. 31st Street
New York, NY 10001
Contact: Kyle Twombly



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.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 13, 1995	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	NAPP
1984	1"=500'	Flight Date: March 26, 1984	USDA
1975	1"=500'	Flight Date: May 08, 1975	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: January 04, 1954	USGS
1951	1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	FAIR

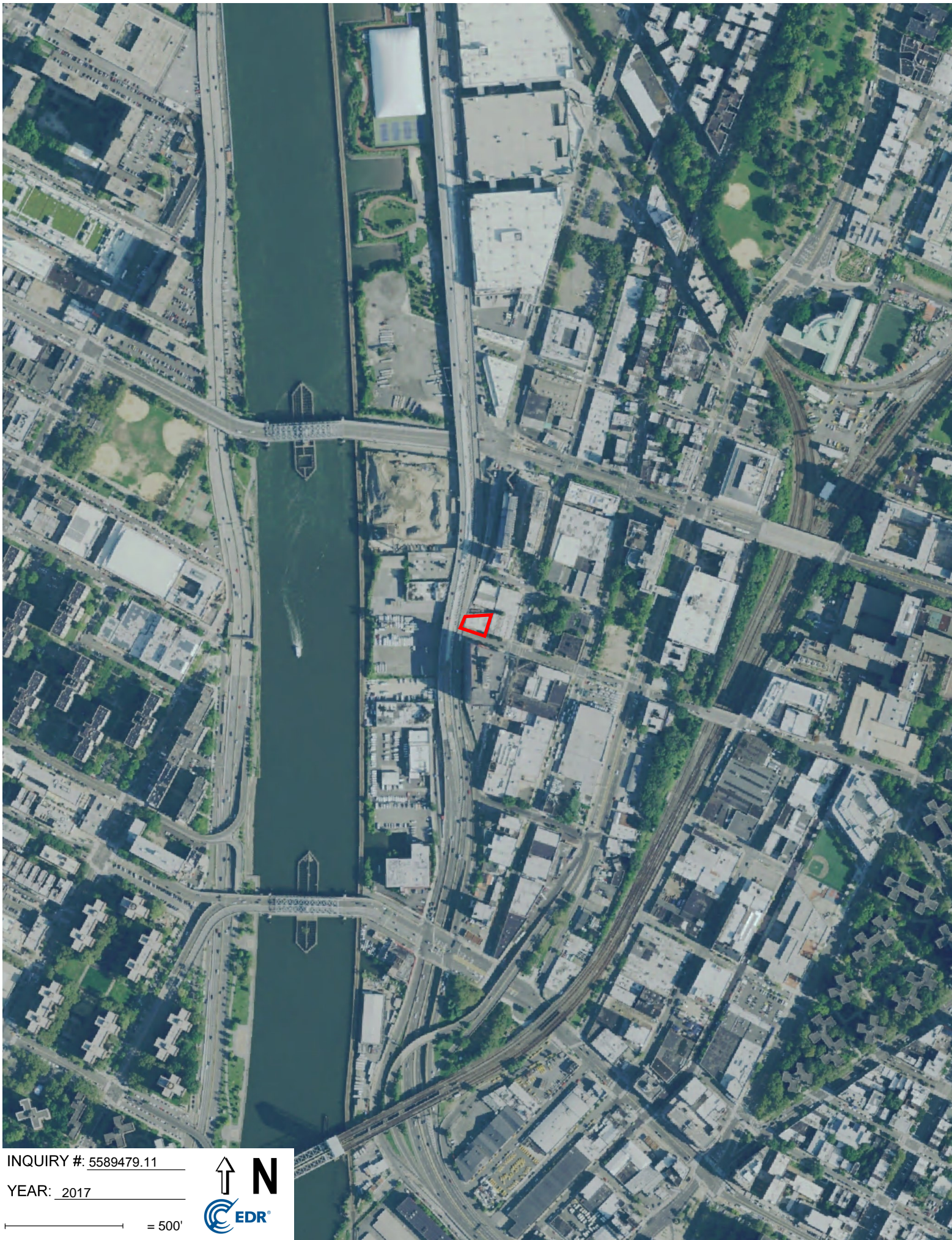
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INQUIRY #: 5589479.11

YEAR: 2017

— = 500'





INQUIRY #: 5589479.11

YEAR: 2013

— = 500'





INQUIRY #: 5589479.11

YEAR: 2009

— = 500'



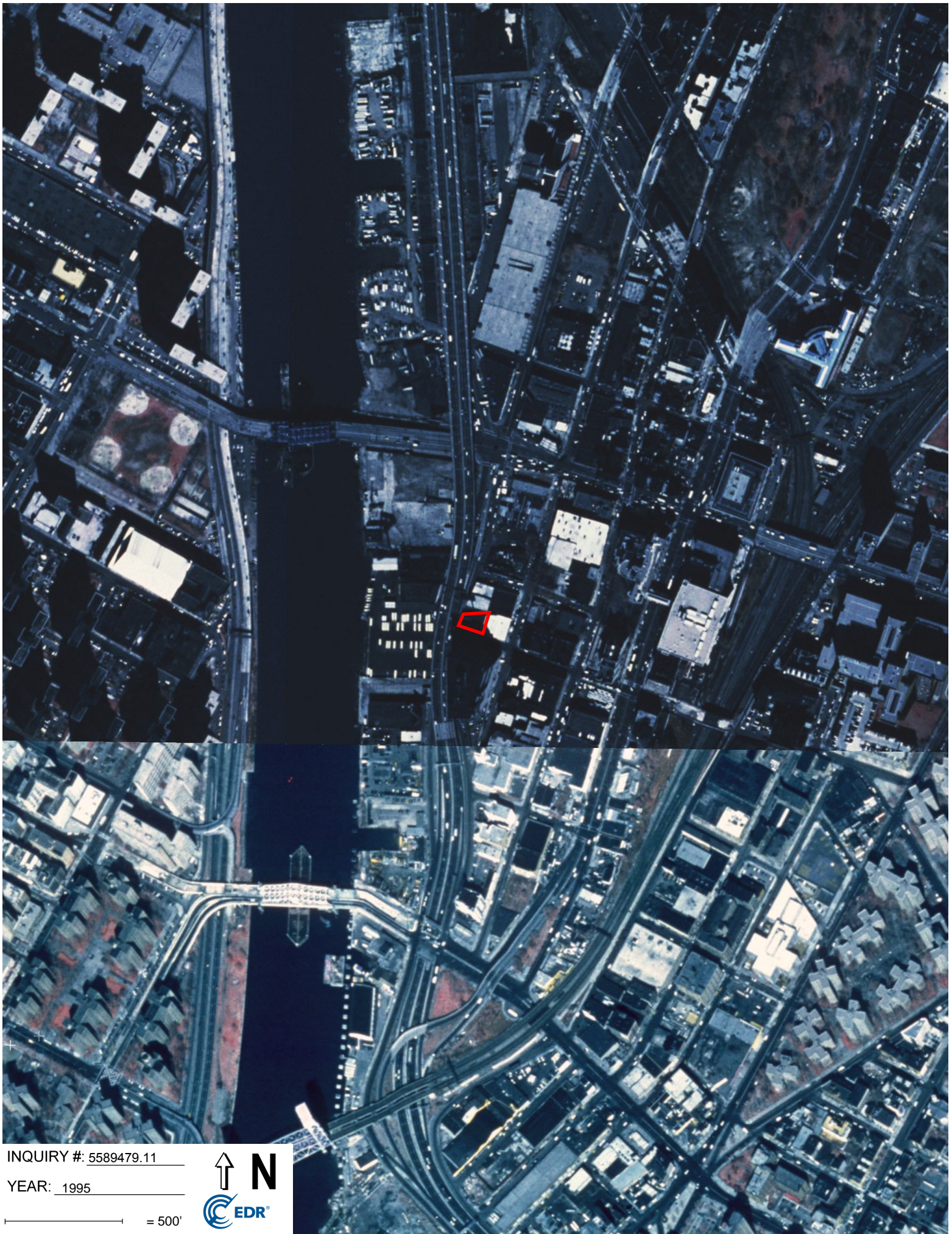


INQUIRY #: 5589479.11

YEAR: 2006

— = 500'





INQUIRY #: 5589479.11

YEAR: 1995

— = 500'



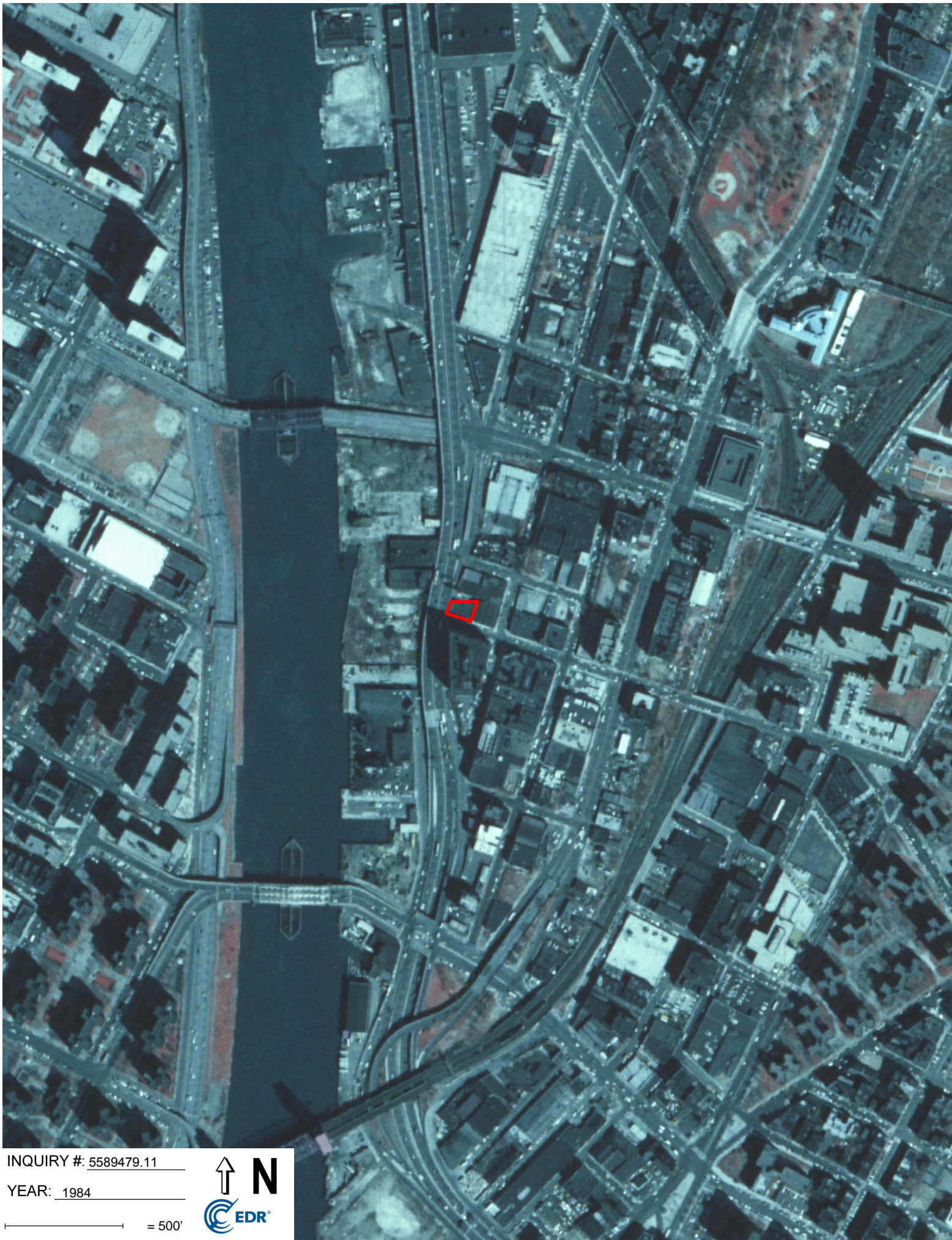


INQUIRY #: 5589479.11

YEAR: 1991

— = 500'





INQUIRY #: 5589479.11

YEAR: 1984

— = 500'



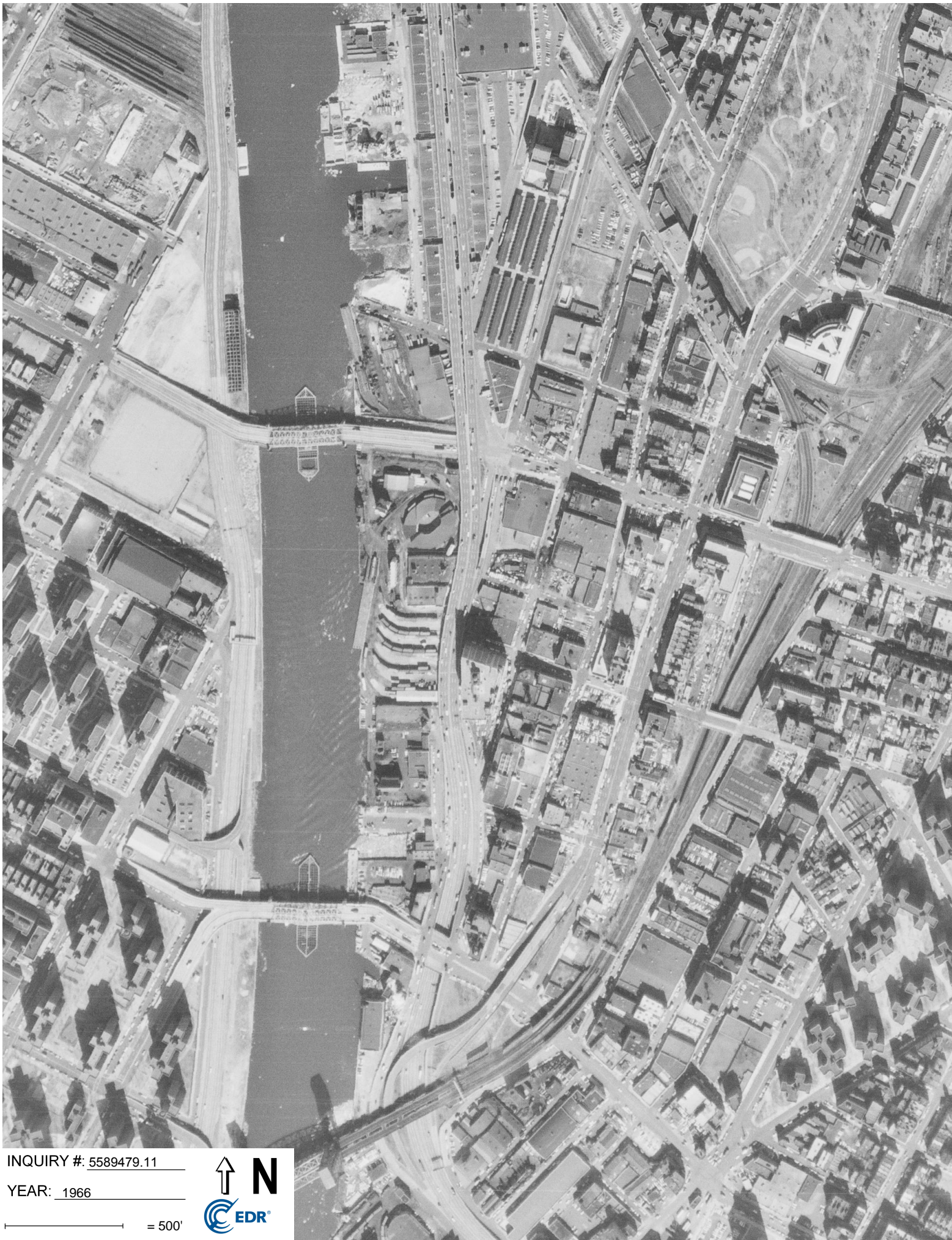


INQUIRY #: 5589479.11

YEAR: 1975

— = 500'





INQUIRY #: 5589479.11

YEAR: 1966

— = 500'



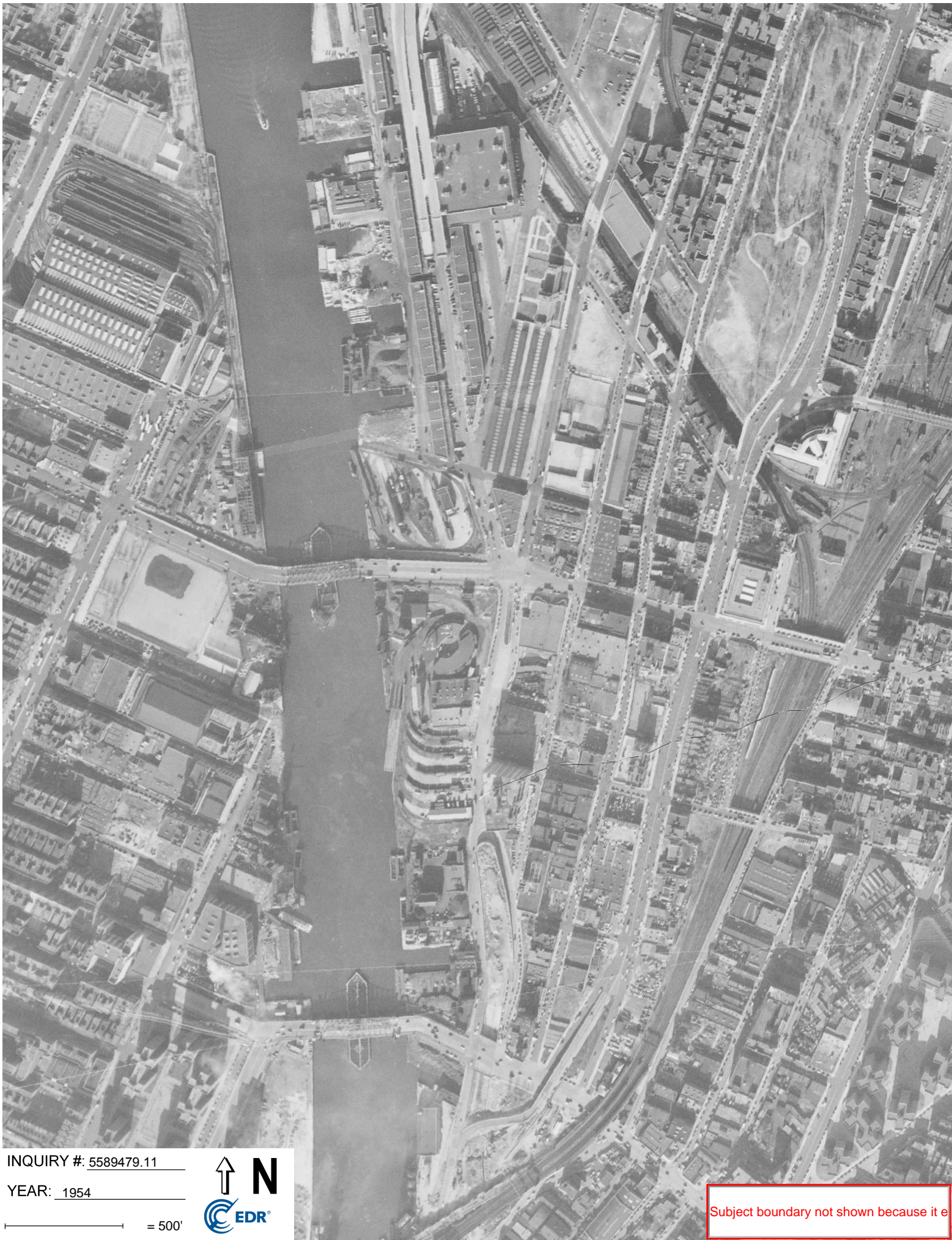


INQUIRY #: 5589479.11

YEAR: 1961

— = 500'





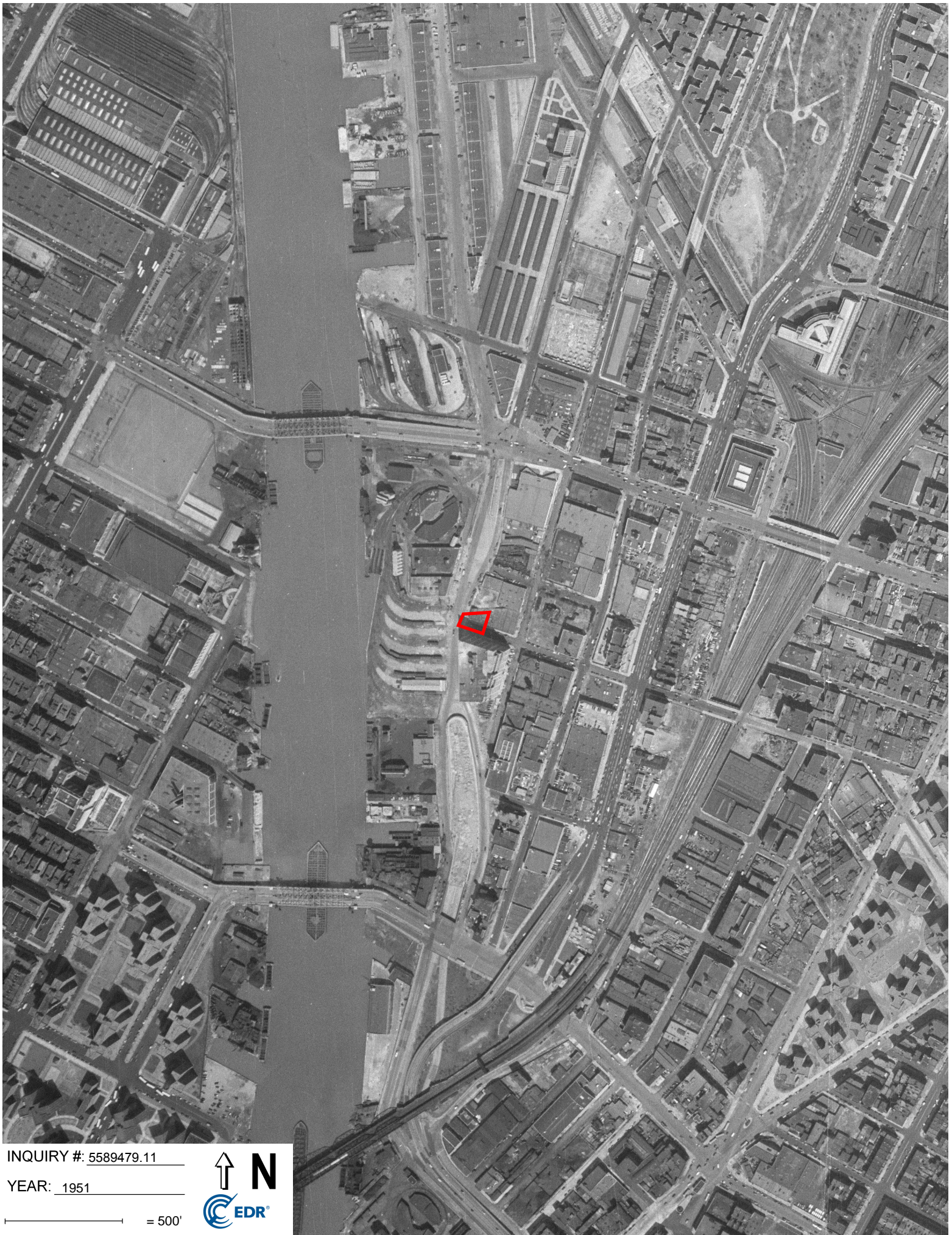
INQUIRY #: 5589479.11

YEAR: 1954

— = 500'



Subject boundary not shown because it e



INQUIRY #: 5589479.11

YEAR: 1951

— = 500'

